

Bill 15 (2018)
Early Testimony

~~Speaker Registration/Testimony~~

Name Galutau Aga
 Phone 8087419379
 Email galutauaga@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Galutau Aga and I am a resident of Makiki. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018)

Testimony Attachment
 Accept Terms and Agreement 1

Speaker Registration/Testimony

Name Karen Shishido
 Phone 8083842173
 Email Kshishido02@yahoo.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Dear Chair Ozawa and members of the Budget Committee, My name is Karen Shishido and I am a resident of Honolulu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Karen S. Shishido

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name JULIA FUJIOKA
 Phone 8084869326
 Email JFUJIOKA@HAWAIIANTEL.NET
 Meeting Date 04-11-2018
 Council/PH Budget
 Committee
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Julia Fujioka, and I am a resident of Aiea. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

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~~Speaker Registration/Testimony~~

Name Randy Ching
 Phone 808-942-0145
 Email makikirandy@yahoo.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Aloha Chair Ozawa and members of the Budget Committee.

I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018).

Written
Testimony

This budget request supports the salaries of 7 full-time employees and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement.

Mahalo for your ongoing support for this Office in Bill 15 (2018)."

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Speaker Registration/Testimony

Name Donald Blakeley
 Phone 8087327282
 Email dblakehawaii@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

“Aloha Chair Ozawa and members of the Budget Committee, My name is Donald Blakeley and I am a resident of District 4 (Wilhelmina Rise). I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan’s proposed amendment to increase the Office’s budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O’ahu’s environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).”

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~~Speaker Registration/Testimony~~

Name	Phillip Schrager
Phone	8087723740
Email	peschrager@gmail.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	HB15
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	We must prioritize this and budget 1.2 million for it. Please support this bill!
Testimony Attachment	
Accept Terms and Agreement	1

~~Speaker Registration/Testimony~~

Name Benton Pang
 Phone 808-349-3636
 Email launahele@yahoo.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15(2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony Aloha Chair Ozawa and members of the Budget Committee, My name is Benton Kealii Pang and I am a resident of Pālolo Valley. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

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~~Speaker Registration/Testimony~~

Name Carolyn Bell
 Phone 8087784226
 Email carolynn.bell@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Aloha Chair Ozawa and members of the Budget Committee,

Written
 Testimony

My name is Carolyn Bell-Tuttle and I am a resident of Honolulu, near Aina Haina. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Carolynn Bell-Tuttle

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~~Speaker Registration/Testimony~~

Name ELIZABETH Gilliland
 Phone 5307921227
 Email betsygilliland@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

As a resident of Manoa, I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). The proposed budget is a worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I also support Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

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~~Speaker Registration~~/Testimony

Name lois crozer
 Phone 8082268313
 Email lbc@hawaiiantel.net
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency.
 I am also supportive of Council member Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Mahalo.

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~~Speaker Registration/Testimony~~

Name Nicholas Chagnon
 Phone 4017415097
 Email nsurfecoast@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization n/a
 Do you wish to speak at the hearing? No

Written
 Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is ____ and I am a resident of _____. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

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 Agreement

~~Speaker Registration/Testimony~~

Name Janel Harada
 Phone 8083674414
 Email janelmarie808@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Janel Harada, I am a resident of Honolulu, work as an environmental compliance engineer, and am a registered Civil PE. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

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Speaker Registration/Testimony

Name Bryce Montalbo
 Phone 8086223171
 Email bmontalbo808@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Bryce Montalbo and I am a resident of Oahu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

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~~Speaker Registration/Testimony~~

Name Cindy Nawilis
 Phone 8083937233
 Email cnawilis@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is ____ and I am a resident of _____. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

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~~Speaker Registration/Testimony~~

Name Jason T Okuhama
 Phone 8082286536
 Email jokuham@cbllending.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Jason T. Okuhama and I am a resident of Honolulu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Council Member Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018). Jason T. Okuhama

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Kirsten Moy
 Phone 9199281851
 Email kmoy@hawaii.edu
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). This office will do great things for our state and help Hawaii meet its commitments to the Paris Agreement.

Testimony
 Attachment

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~~Speaker Registration/Testimony~~

Name Jim Nicolow
 Phone 404-226-8435
 Email jnicolow@sbcglobal.net
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

My name is Jim Nicolow and I am a resident of Kailua. I am an architect who specializes in sustainable design and understand the importance of resiliency and climate change planning. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Nancy Davlantes
 Phone 8082473681
 Email ndavlantes@aol.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Chair Ozawa and committee members:

Written
Testimony

I strongly support the appropriation of \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018) as it is a necessary investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change.

Mahalo for your ongoing support for this Office.

Nancy Davlantes
Kaneohe

Testimony
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 Accept Terms
 and 1
 Agreement

~~Speaker Registration~~/Testimony

Name Laura Gray
 Phone 808-260-7940
 Email laurag@divefish.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item 15
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony We must prepare for all the negative effects of global climate change which we know are already happening. If we can find ways to help abide by the Paris Climate Treaty, then we can at least show the world that Hawaii stands with them and we are willing to do our part. We need this funding so that we can figure out how best to do that as well as mitigate the impacts on us as much as possible.

Testimony Attachment

Accept Terms and Agreement 1



The Senate

STATE CAPITOL
HONOLULU, HAWAII 96813

RONALD D. KOUCHI
PRESIDENT

MICHELLE N. KIDANI
VICE PRESIDENT

April 9, 2018

Honolulu City Council
Committee on Budget
Honolulu Hale
530 South King Street
Honolulu, Hawaii 96813

FIRST DISTRICT
KAIALI KAHELE

SECOND DISTRICT
RUSSELL E. RUDERMAN

THIRD DISTRICT
JOSH GREEN

FOURTH DISTRICT
LORRAINE R. INOUE

FIFTH DISTRICT
GILBERT S.C. KEITH-AGARAN

SIXTH DISTRICT
ROSALYN H. BAKER

SEVENTH DISTRICT
J. KALANI ENGLISH

EIGHTH DISTRICT
RONALD D. KOUCHI

NINTH DISTRICT
STANLEY CHANG

TENTH DISTRICT
LES IHARA, JR.

ELEVENTH DISTRICT
BRIAN T. TANIGUCHI

TWELFTH DISTRICT
BRICKWOOD GALUTERIA

THIRTEENTH DISTRICT
KARL RHOADS

FOURTEENTH DISTRICT
DONNA MERCADO KIM

FIFTEENTH DISTRICT
GLENN WAKAI

SIXTEENTH DISTRICT
BRENE HARIMOTO

SEVENTEENTH DISTRICT
CLARENCE K. NISHIHARA

EIGHTEENTH DISTRICT
MICHELLE N. KIDANI

NINETEENTH DISTRICT
WILL ESPERO

TWENTIETH DISTRICT
MIKE GABBARD

TWENTY-FIRST DISTRICT
MAILE S.L. SHIMABUKURO

TWENTY-SECOND DISTRICT
DONOVAN M. DELA CRUZ

TWENTY-THIRD DISTRICT
GIL RIVIERE

TWENTY-FOURTH DISTRICT
JILL N. TOKUDA

TWENTY-FIFTH DISTRICT
LAURA H. THIELEN

CHIEF CLERK
CAROL TANIGUCHI

Dear Chair Ozawa and committee members,

I am writing to express my strongest support for the Office of Climate Change, Sustainability and Resiliency as established by the city charter amendment in 2016.

As Hawaii leads the global fight against climate change and work towards 100 percent renewable energy by 2045, the CCSR plays a vital role in ensuring that Hawaii reaches its ambitious goals. The CCSR has the duty to protect the public from the harmful effects of erosion and other dangers that climate change poses. The CCSR has worked tirelessly to ensure the City and County for Honolulu continues to abide by the Paris Climate Accord and to study ways to forestall the effects of climate change.

Our State's economy has long relied on real estate and tourism, two industries that would be hurt should we ignore the real needs posed by climate change. Investment in this office is vital in protecting our economy.

I hope that the committee fully funds the Office of Climate Change, Sustainability and Resiliency. Thank you for the opportunity to offer my testimony.

Sincerely,

Stanley Chang
Senator, District 9

District 9: Diamond Head to Hawaii Kai

Email: senchang@capitol.hawaii.gov | Phone: (808) 586-8420 | Fax: (808) 586-8426



SIERRA CLUB OF HAWAI'I O'AHU GROUP

Aloha Chair Ozawa and members of the Honolulu City Council Budget Committee,

On behalf of the the Sierra Club O'ahu Group's 8,000 members and supporters, we strongly support the Charter mandated Office of Climate Change, Sustainability, and Resiliency (CCSR) and the funding of this office in the amount of \$1,148,764 within Bill 15 (2018). We are also supportive of Councilmember Manahan's proposed amendment to increase the budget for the CCSR \$150,000 for an implementation study for the deployment of Electrification of Transportation and infrastructure for the City's auto fleet.

The Sierra Club O'ahu Group believes that climate change is the biggest environmental threat facing our island home. It will have drastic, disruptive consequences that will impact every resident on O'ahu- especially our most vulnerable children, elderly, low-income, and minority communities. Some of these impacts include, but are not limited to:

- More frequent and severe storms that can increase flooding and runoff;
- Sea level rise that will threaten our tourism-based economy, coastal infrastructure, and groundwater systems;
- Decreased rainfall that will limit freshwater recharge and availability;
- Increased temperatures that will affect our water, food, and plant ecosystems;
- Ocean acidification that will harm our coral reef ecosystems;
- Human health diseases caused by bacteria and mosquitoes, in addition to the health impacts caused by extreme weather events, air pollution, and food and water borne illnesses.

Passage of the 2016 Charter Amendment to create an Office of Climate Change, Sustainability, and Resiliency demonstrated community support to prioritize long-term planning related to climate change in an action-oriented, transparent manner. Because the CCSR received their full budget request in FY2018, they were able to make incredible strides within the first year. This Office was instrumental in securing the four County Mayor's commitment to 100% renewable ground transportation by 2045, supported the work of Honolulu's newly formed Climate Change Commission, and has engaged nearly every single Neighborhood Board, numerous community organizations, and businesses to identify which resiliency issues are most critical for O'ahu. Some of the priorities for this Office in FY2019 will be implementing the Paris climate agreement, improving energy efficiency in City buildings and fleets, and developing a Resilience Strategy for Honolulu, including a Climate Action Plan.

The budget request for \$1,148,764 for CCSR in Bill 15 (2018) contains the following items:

- The salaries for 7 permanent full-time employees: a Executive Director/Chief Resilience Officer, Deputy Director/Deputy Resilience Officer, Coastal and Water Program Manager, Energy Program Manager, Grants and Research Manager, Partnerships and Outreach Manager, and Office Manager and Outreach Specialist. Note that the



SIERRA CLUB OF HAWAI'I O'AHU GROUP

Executive Director position is paid through grant funding from the Rockefeller Foundation/100 Resilient Cities.

- \$200,000 for a City energy audit to identify potential cost savings and emissions reduction across city properties.
- \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement and identify potential emissions reductions across the island.
- \$75,000 to support the coastal land data program, which is critical to identify where sea level rise will directly impact important city infrastructure.
- \$60,000 to provide matching funds for the federal AmeriCorps VISTA grant. These funds will enable 4 full-time VISTA's to work on water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

Additionally, we support Councilmember Manahan's proposal to increase the budget for this Office, provided it does not take away from the CCSR's requested baseline budget:

- \$150,000 for an implementation study for the deployment of Electrification of Transportation and infrastructure for the City's auto fleet and public transportation. The study shall investigate the various components of the program which include, but are not limited to, the cost of utility rates, battery leasing, and power storage. In addition, the study shall provide recommendations regarding scheduled route structures and how to efficiently schedule vehicle charging during peak traffic hours.

We ask that the Honolulu City Council once again prioritizes funding in FY2019 to mitigate and adapt to climate change in response to drastic changes to U.S. environmental policy under the Trump Administration. Within the past two months alone, the EPA has started rollbacks of car emissions standards, FEMA has removed "climate change" and related language from its strategic plan, and the Administration has proposed FY2019 budget cuts to U.S. programs relating to climate and clean energy.¹ The CCSR is a necessary, local team that is pursuing sustainability projects that will not only benefit the environment, but ensure economic vitality for O'ahu residents, visitors, and businesses.

Mahalo for fully funding this Office in FY2018 and for the opportunity to testify in strong support for the FY19 budget request for the Honolulu Office of Climate Change, Sustainability, and Resiliency within Bill 15 (2018).

Mahalo,

Jodi Malinoski
Sierra Club O'ahu Group Coordinator

¹ <https://news.nationalgeographic.com/2017/03/how-trump-is-changing-science-environment/>

From: CLK Council Info
Sent: Monday, April 09, 2018 1:54 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Melissa M White
Phone 808-628-5861
Email mwhite@ssfm.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha Chair Ozawa and Members of the Budget Committee. My name is Melissa White. I am a resident of Honolulu, and a professional planner with SSFM International. In my capacity as a planner, I have worked as a consultant to the State of Hawaii on several climate-change and resilience related initiatives.

I am in strong support of the Honolulu Office of Climate Change, Sustainability, and Resiliency as a voter-mandated Office, and as a critical stakeholder in addressing the significant challenges to the County and the State that will be posed by climate change. The Office is doing critical work to protect Oahu's environment, infrastructure, and communities.

Written
Testimony

As such, I support appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement.

Mahalo for your consideration of this testimony.

Testimony
Attachment

Accept Terms and Agreement 1

Office of the Dean

Aloha Councilmembers,

4/9/18

My name is Chip Fletcher. I am Vice-Chair of the Honolulu Climate Change Commission, although I am writing today in my personal capacity.

I am writing in support the Office of Climate Change, Sustainability and Resiliency (CCSR) budget as was proposed in Bill 15 (2018). This plan represents a minimum level to achieve the critically important work of preparing Honolulu for a safe, healthy, and prosperous future.

I have attached a short white paper on the impacts of climate change.

CCSR has only begun its work. It will take an "all-in" effort to build a resilient Honolulu. An effort that is nothing less than to reshape the fundamental characteristics of our city and island.

The cuts proposed to CCSR will stop much of our progress. A set back that will take years to recover.

CCSR projects include:

1. \$75,000 for the Coastal Data Program. This funding is combined with federal and state monies to: map coastal erosion; identify flood impacts to roads, drainage, and buried infrastructure; and model sea level rise risk.
2. \$200,000 for an City Energy Audit. Similar audits are being performed by private corporations, cities, and large institutions around the world as a cost-saving measure. It is an important effort to save money for the tax payers and the City budget.
3. \$150,000 Climate Action Plan. The City of Miami Beach developed a climate action plan 5 years ago. Now, they are globally recognized as a leading coastal city focused on sustainability and resilience. Real estate is thriving, businesses are flocking to the city, and investment is rocketing. This is because Miami City Government is taking bold steps to prepare for Climate Change. Corporations have taken note and are investing in the promise of a "climate-ready" place of business. With our own Climate Action Plan, we can do even better.
4. \$60,000 AmeriCorps VISTA grant matching funds. CCSR staff are leveraging the cutting-edge nature of their office as an attractive training ground for talented youth. These VISTAs are working on numerous water and energy projects in conjunction with community partnerships.

Again, please support full funding as was requested for the CCSR budget. In addition to supporting the work of the Climate Change Commission, CCSR is building the foundation for a thriving future for our families, businesses, and the environment.

If you have any questions, I invite you to contact me, 808-294-0386.

With Much Aloha,

Chip Fletcher

Associate Dean and
Professor Geology and Geophysics

P.S. I invite you to attend the Waikiki Aquarium *Distinguished Lecture Series*, Tuesday April 24 from 6-7pm where I will be speaking on Climate Change.

<https://www.waikikiaquarium.org/interact/special-events/distinguished-lecture-series/>

CLIMATE CHANGE BRIEF, 2018

C. Fletcher, PhD, University of Hawai'i at Mānoa, School of Ocean and Earth Science and Technology
fletcher@soest.hawaii.edu

Excess heat, trapped by anthropogenic greenhouse gases in the atmosphere, is causing dramatic changes in ecosystems, weather patterns, and other climate-dependent aspects of Earth's surface.

Scientists are warning that human population growth, widespread destruction of natural ecosystems, and global warming are pushing Earth's ecosystems and resources toward irreversible damage¹ that we are in the midst of Earth's sixth mass extinction.²

Unrelenting impacts to Earth's ecosystems³ and natural resources have led researchers to conclude that our planet is perched on the edge of a tipping point, a planetary-scale critical transition resulting from human influence.⁴ These changes include the following.

CARBON DIOXIDE

- Carbon dioxide levels in the air have passed 400 ppm compared to a natural level of 280 ppm – an increase of over 40%. This is the highest level in millions of years.⁵
- Today, release of planet-warming carbon dioxide is ten times faster than the most rapid event in the past 66 million years, when an asteroid impact killed the dinosaurs.⁶

TEMPERATURE

- Global temperature has risen approximately 1°C (1.8°F) from the late 19th Century.⁷
- The likely range of global temperature increase is 2.0–4.9°C, with median 3.2°C (5.76°F) and a 5% (1%) chance that it will be less than 2°C (1.5°C).⁸
- The last time it was this warm was during the last interglacial (ca. 125,000 years ago) when global mean sea level was 6.6 m (20 feet) above present.⁹
- Atmospheric humidity is rising.¹⁰
- The global water cycle has accelerated.¹¹
- Air temperature over the oceans is rising.¹²

ICE

¹ Biologists Say Half of All Species Could be Extinct by End of the Century:

<https://www.theguardian.com/environment/2017/feb/25/half-all-species-extinct-end-century-vatican-conference>

² Barnosky, A.D., et al. (2011) Has the Earth's sixth mass extinction already arrived? *Nature*, 471, 51-57 (03 March).

³ Ullah, H., et al. (2018) Climate change could drive marine food web collapse through altered trophic flows and cyanobacterial proliferation. *PLOS Biology*; 16 (1): e2003446 DOI: 10.1371/journal.pbio.2003446

⁴ Barnosky, A.D., et al. (2012) Approaching a state shift in Earth's biosphere, *Nature*, 486, 7 June, 52-58.

⁵ Tripathi, A.K., et al. (2009) Coupling of CO₂ and ice sheet stability over major climate transitions of the last 20 million years, *Science*, 326(5958), 1394-1397, <http://www.sciencemag.org/cgi/content/abstract/1178296>

⁶ Zeebe, R.E., et al. (2016) Anthropogenic carbon release rate unprecedented during the past 66 million years, *Nature Geoscience*, doi: 10.1038/ngeo2681

⁷ Haustein, K. et al. (2017) A global warming index. *Nature Scientific Reports*, doi:10.1038/s41598-017-14828-5

⁸ Raftery, A.E., et al. (2017) Less than 2°C warming by 2100 unlikely, *Nature Climate Change*, PUBLISHED ONLINE: 31 JULY 2017 | DOI: 10.1038/NCLIMATE3352

⁹ Hoffman, J.S., et al. (2017) Regional and global sea surface temperatures during the last interglaciation, *Science*, 355(6322), 276-279, doi: 10.1126/science.aai8464

¹⁰ Willett, K., et al. (2007) Attribution of observed surface humidity changes to human influence, *Nature*, 449, 710-712, doi: 10.1038/nature06207

¹¹ Durack, P., et al. (2012) Ocean salinities Reveal strong global water cycle intensification during 1950 to 2000, *Science*, 336(6080), 455-458, doi: 10.1126/science.1212222

¹² NOAA National Climatic Data Center, "State of the Climate: Global Analysis for May 2011," published online June 2011, <http://www.ncdc.noaa.gov/sotc/global/>

- Greenland is losing ~286 billion tons of ice annually, Antarctica is losing ~127 tons, and alpine glaciers are losing over 200 billion tons of ice annually.^{13, 14, 15}
- West Antarctic ice sheet is in “unstoppable” retreat.¹⁶
- Melting on Greenland has accelerated.¹⁷
- Cloud cover over Greenland is decreasing at 0.9 +/-3% per year. Each 1% of decrease drives an additional 27 +/-13 billion tons of ice melt each year.¹⁸
- Alpine glaciers have shrunk to their lowest levels in 120 years and are wasting two times faster than they did in the period 1901-1950, three times faster than they did in 1851-1900, and four times faster than they did 1800-1850.¹⁹
- Continental ice sheets are shrinking.²⁰
- Arctic sea ice is shrinking (13% per decade) as a result of global warming.²¹
- Winter Arctic sea ice was the lowest on record in 2017.²²
- In the Arctic, average surface air temperature for the year ending September 2016 was the highest since 1900, and new monthly record highs were recorded for January, February, October, and November 2016.²³
- Rapid warming in the Arctic is causing the jet stream to slow and develop large planetary waves.²⁴
- Regions of Earth where water is frozen for at least one month each year are shrinking with impacts on related ecosystems.²⁵
- Extreme warm events in winter are much more prevalent than cold events.²⁶
- Global snow cover is shrinking.²⁷
- The southern boundary of Northern Hemisphere permafrost is retreating poleward.²⁸
- Large parts of permafrost in northwest Canada are slumping and disintegrating into running water. Similar large-scale landscape changes are evident across the Arctic including in Alaska, Siberia, and Scandinavia.²⁹

¹³ Radić, V. and Hock, R. (2011) Regionally differentiated contribution of mountain glaciers and ice caps to future sea-level rise, *Nature Geoscience*, 4, 91-94, doi: 10.1038/ngeo1052

¹⁴ Zemp, M., et al. (2015) Historically unprecedented global glacier decline in the early 21st century. *Journal of Glaciology*; 61 (228): 745 DOI: 10.3189/2015JoG15J017

¹⁵ Rignot, E., et al. (2011) Acceleration of the contribution of the Greenland and Antarctic ice sheets to sea level rise, *Geophysical Research Letters*, 38, L05503, doi: 10.1029/2011GL046583

¹⁶ Joughlin, I., et al. (2014) Marine ice sheet collapse potentially underway for the Thwaites Glacier Basin, West Antarctica, *Science*, May 12. Rignot, E., et al. (2014) Widespread, rapid grounding line retreat of Pine Island, Thwaites, Smith and Kohler glaciers, West Antarctica from 1992 to 2011, *Geophysical Research Letters*.

¹⁷ B. Wouters, et al. (2013) Limits in detecting acceleration of ice sheet mass loss due to climate variability. *Nat. Geosci.* 6, 613–616 (2013).

¹⁸ Hofer, S., et al. (2017) Decreasing cloud cover drives the recent mass loss on the Greenland ice sheet. *Science Advances*, 28 June, v. 3, no. 6, e1700584, DOI: 10.1126/sciadv.1700584

¹⁹ Zemp, M., et al. (2015) Historically unprecedented global glacier decline in the early 21st century. *Journal of Glaciology*; 61 (228): 745 DOI: 10.3189/2015JoG15J017

²⁰ Rignot, E., et al. (2011)

²¹ Arctic Report Card: <http://www.arctic.noaa.gov/Report-Card/Report-Card-2016>. Serreze, M., et al. (2007) Perspectives on the Arctic's shrinking sea-ice cover, *Science* 315, 1533-1536.

²² See <http://nsidc.org/arcticseaicenews/>

²³ See <http://www.arctic.noaa.gov/Report-Card/Report-Card-2016>

²⁴ Francis, J., and Skific, N. (2015) Evidence linking rapid Arctic warming to mid-latitude weather patterns, *Phil. Trans. R. Soc. A* 373, 20140170, <http://dx.doi.org/10.1098/rsta.2014.0170>

²⁵ Fountain, A., et al. (2012) The disappearing cryosphere: Impacts and ecosystem responses to rapid cryosphere loss, *BioScience* 62(4), 405-415, doi: 10.1525/bio.2012.62.4.11

²⁶ Guirguis, K., et al. (2011) Recent warm and cold daily winter temperature extremes in the northern hemisphere, *Geophysical Research Letters*, 38, L17701, doi: 10.1029/2011GL048762

²⁷ Déry, S. J. and Brown, R.D. (2007) Recent northern hemisphere snow cover extent trends and implications for the snow albedo feedback, *Geophysical Research Letters*, 34, L22504

²⁸ Thibault, S. and Payette, S. (2009) Recent permafrost degradation in bogs of the James Bay area, Northern Quebec, Canada, *Permafrost and Periglacial Processes*, 20(4), 383, doi: 10.1002/ppp.660.

²⁹ Kokelj, S.V., et al. (2017) Climate-driven thaw of permafrost preserved glacial landscapes, northwestern Canada, *Geology*, Feb. doi: 10.1130/G38626.1

- In North America, spring snow cover extent in the Arctic is the lowest in the satellite record, which started in 1967.³⁰

OCEANS

- The Atlantic Meridional Overturning Circulation has decreased 20%. The North Atlantic has the coldest water in 100 yrs of observations.³¹
- Air temperature over the oceans is rising.³²
- Sea surface temperature is rising.³³
- The oceans are warming rapidly.³⁴
- Sea level is rising and the rate of rise has accelerated.³⁵
- Today global mean sea level is rising three times faster than it was in the 20th Century.³⁶
- Between 1993 and 2014, the rate of global mean sea level rise increased 50% with the contribution from melting of the Greenland Ice Sheet rising from 5% in 1993 to 25% in 2014.³⁷
- We have already committed to a long-term future sea level 1.3 to 1.9 m higher than today and are adding about 0.32 m/decade to the total: ten times the rate of observed contemporary sea-level rise.³⁸
- Over 90 percent of the heat trapped by greenhouse gases since the 1970's has been absorbed by the oceans and today the oceans absorb heat at twice the rate they did only 18 years ago.³⁹
- Excess heat in the oceans has reached deeper waters,⁴⁰ and deep ocean temperature is rising.⁴¹
- Sea surface temperatures have increased in areas of tropical cyclone genesis suggesting a connection with strengthened storminess.⁴²
- Oxygen levels in the ocean have declined by 2% over the past five decades because of global warming, probably causing habitat loss for many fish and invertebrate species.⁴³

³⁰ See Arctic Report Card, <http://www.arctic.noaa.gov/Report-Card/Report-Card-2016>

³¹ Rahmstorf, S., et al. (2015) Exceptional twentieth-century slowdown in Atlantic Ocean overturning circulation. *Nature Climate Change*. DOI: 10.1038/nclimate2554

³² NOAA National Climatic Data Center, "State of the Climate: Global Analysis for May 2011," published online June 2011, <http://www.ncdc.noaa.gov/sotc/global/>

³³ Levitus, S., et al. (2008) Global ocean heat content in light of recently revealed instrumentation problems, *Geophysical Research Letters*, 36, L07608, doi: 10.1029/2008GL037155

³⁴ Wang, G., et al. (2017) Consensuses and discrepancies of basin-scale ocean heat content changes in different ocean analyses, *Climate Dynamics*. DOI: 10.1007/s00382-017-3751-5

³⁵ Nerem, R.S., et al. (2018) Climate-change-driven accelerated sea-level rise detected in the altimeter era. *Proceedings of the National Academy of Science*, DOI: 10.1073/pnas.1717312115

³⁶ Dangendorf, S, et al. (2017) Reassessment of 20th Century global mean sea level rise, *Proceedings of the National Academy of Sciences*, doi: 10.1073/pnas.1616007114

³⁷ Chen, X., et al. (2017) The increasing rate of global mean sea-level rise during 1993–2014, *Nature Climate Change*. DOI: 10.1038/nclimate3325

³⁸ Strauss, B.H. (2015) Rapid accumulation of committed sea level rise from global warming, *PNAS*, 110(34), 13699-13700.

³⁹ Cheng L., et al (2015) Global upper ocean heat content estimation: recent progress and the remaining challenges. *Atmospheric and Oceanic Science Letters*, 8. DOI:10.3878/AOSL20150031. Glecker, P.J., et al. (2016) Industrial era global ocean heat uptake doubles in recent decades. *Nature Climate Change*. doi:10.1038/nclimate2915

⁴⁰ Cheng, L., et al. (2017) Improved estimates of ocean heat content from 1960 to 2015, *Science Advances* 10 Mar., v. 3, no. 3, e1601545, DOI: 10.1126/sciadv.1601545

⁴¹ Song, Y.T. and Colberg, F. (2011) Deep ocean warming assessed from altimeters, gravity recovery and climate experiment, in situ measurements, and a non-Boussinesq ocean general circulation model, *Journal of Geophysical Research* 116, C02020, doi: 10.1029/2010JC006601. Volkov, D.L., et al. (2017) Decade-long deep-ocean warming detected in the subtropical South Pacific, *Geophysical Research Letters*, doi: 10.1002/2016GL071661

⁴² Defforge, C.L. and Merlis, T.M. (2017) Observed warming trend in sea surface temperature at tropical cyclone genesis, *Geophysical Research Letters*, doi: 10.1002/2016GL071045

⁴³ Schmidtko, S., et al. (2017) Decline in global oceanic oxygen content during the past five decades, *Nature*, 542, 335-339, 16 February 2017, doi: 10.1038/nature21399

- Marine ecosystems can take thousands, rather than hundreds, of years to recover from climate-related upheavals.⁴⁴
- Marine ecosystems are under extreme stress.⁴⁵
- The world's richest areas for marine biodiversity are also those areas mostly affected by both climate change and industrial fishing.⁴⁶
- The number of coral reefs impacted by bleaching has tripled over the period 1985-2012.⁴⁷
- By 2050 more than 98% of coral reefs will be afflicted by bleaching-level thermal stress each year.⁴⁸
- Scientists have concluded that when seas are hot enough for long enough nothing can protect coral reefs. The only hope for securing a future for coral reefs is urgent and rapid action to reduce global warming.⁴⁹
- Average pH of ocean water fell from 8.21 to 8.10, a 30 percent increase in acidity. Ocean water is more acidic from dissolved CO₂, which is negatively affecting marine organisms.⁵⁰
- Dissolved oxygen in the oceans is declining because of warmer water.⁵¹
- Production of oxygen by photosynthetic marine algae is threatened at higher temperatures.⁵²

EXTREME WEATHER

- The global percentage of land area in drought has increased about 10%.⁵³
- The global occurrence of extreme rainfall has increased 12%.⁵⁴
- Heavy downpours are more intense and frequent.⁵⁵
- Extreme weather events are more frequent.⁵⁶
- Half a degree Celsius of global warming has been enough to increase heat waves and heavy rains in many regions of the planet.⁵⁷
- Storm tracks are shifting poleward.⁵⁸

⁴⁴ S.E. Moffitt, et al. (2015) Response of seafloor ecosystems to abrupt global climate change. *PNAS*, 2015 DOI: 10.1073/pnas.1417130112

⁴⁵ McCauley, D.J., et al. (2015) Marine defaunation: Animal loss in the global ocean, *Science*, 347(6219), 16, Jan, doi: 10.1126/science.1255641. Henson, S.A., et al. (2017) Rapid emergence of climate change in environmental drivers of marine ecosystems, *Nature Communications*, 8, 14682, doi: 10.1038/ncomms14682.

⁴⁶ Ramirez, F., et al. (2017) Climate impacts on global hot spots of marine biodiversity. *Science Advances*; 3 (2): e1601198 DOI: 10.1126/sciadv.1601198

⁴⁷ Heron, S.F., et al. (2016) Warming trends and bleaching stress of the worlds coral reefs 1985-2012, *Scientific Reports*, 6, 38402, doi: 10.1038/srep38402.

⁴⁸ Heron, S.F., et al. (2016)

⁴⁹ Hughes, T.P., et al. (2017) Global warming and recurrent mass bleaching of corals. *Nature*; 543 (7645): 373 DOI: 10.1038/nature21707

⁵⁰ Barton, A., et al. (2012) The Pacific oyster, *Crassostrea gigas*, shows negative correlation to naturally elevated carbon dioxide levels: Implications for near-term ocean acidification effects, *Limnology and Oceanography* 57(3), 698-710, doi: 10.4319/lo.2012.57.3.0698.

⁵¹ L. Stramma, et al. (2011) Expansion of Oxygen Minimum Zones May Reduce Available Habitat for Tropical Pelagic Fishes, *Nature Climate Change* 2: 33-37, doi: 10.1038/nclimate1304.

⁵² Sekerci, Y. and Petrovskii (2015) Mathematical modeling of Plankton-Oxygen dynamics under the climate change. *Bulletin of Mathematical Biology*: DOI 10.1007/s11538-015-0126-0

⁵³ Dai, A. (2011) Characteristics and trends in various forms of the Palmer drought severity index during 1900-2008, *Journal of Geophysical Research* 116, D12115, doi: 10.1029/2010JD015541

⁵⁴ Lehmann, J., et al. (2015) Increased record-breaking precipitation events under global warming. *Climatic Change*, doi: 10.1007/s10584-015-1434-y

⁵⁵ See NOAA, <https://www.climate.gov/news-features/featured-images/heavy-downpours-more-intense-frequent-warmer-world>

⁵⁶ Medvigy, D. and Beaulieu, C. (2011) Trends in daily solar radiation and precipitation coefficients of variation since 1984, *Journal of Climate*, 25(4), 1330-1339, doi: 10.1175/2011JCLI4115.1

⁵⁷ Schleussner, C-F, et al. (2017) In the observational record half a degree matters, *Nature Climate Change*. DOI: 10.1038/nclimate3320

⁵⁸ Bender, F. A-M, et al. (2012) Changes in extratropical storm track cloudiness 1983-2008: Observational support for a poleward shift, *Climate Dynamics* 38, 2037-2053, doi: 10.1007/s0038-011-1065-6

- The number of weather disasters is up 14% since 1995-2004, and has doubled since 1985-1994.⁵⁹
- In Australia, record setting hot days outnumber record setting cold days by a factor of 12 to 1.⁶⁰
- Extreme heat waves are projected to cover double the amount of global land by 2020 and quadruple by 2040, regardless of future emissions trends.⁶¹
- New records continue to be set for warm temperature extremes. For instance, in the U.S. during February, 2017 there were 3,146 record highs set compared to only 27 record lows, a ratio of 116 to 1.⁶²
- Nine of the ten deadliest heat waves have occurred since 2000 causing 128,885 deaths around the world.⁶³
- Nearly one third of the world's population is now exposed to climatic conditions that produce deadly heat waves.⁶⁴
- Atmospheric humidity is rising.⁶⁵
- The global water cycle has accelerated.⁶⁶
- Extreme weather is increasing.⁶⁷
- If global temperatures rise 2°C (3.6°F), the combined effect of heat and humidity will turn summer into one long heat wave. Temperature will exceed 104°F every year in many parts of Asia, Australia, Northern Africa, South and North America.⁶⁸
- If global temperatures rise 4°C (7.2°F), a new “super-heatwave” will appear with temperatures peaking at above 131°F making large parts of the planet unlivable including densely populated areas such as the US east coast, coastal China, large parts of India and South America.⁶⁹

ECOSYSTEMS, FOOD, AND HUMAN HEALTH

- Humans are causing the climate to change 170 times faster than natural forces.⁷⁰
- Tree lines are shifting poleward and to higher elevations.⁷¹
- Species are migrating poleward and to higher elevations.⁷²

⁵⁹ Centre for Research on the Epidemiology of Disasters, UN International Strategy for Disaster Reduction <http://reliefweb.int/report/world/human-cost-weather-related-disasters-1995-2015>

⁶⁰ Lewis, S.C. and King, A.D. (2015) Dramatically increased rate of observed hot record breaking in recent Australian temperatures, *Geophys. Res. Lett.*, 42, 7776-7784, doi: 10.1002/2015GL065793. Meehl, G., et al. (2009) The relative increase of record high maximum temperatures compared to record low minimum temperatures in the US, *Geophysical Research Letters*, 36, L23701, doi: 10.1029/2009GL040736

⁶¹ Coumou, D. and Robinson, A. (2013) Historic and future increase in the global land area affected by monthly heat extremes, *Environmental Research Letters*, 8(3), 034018, doi: 10.1088/1748-9326/8/3/034018

⁶² See Climate Central.org, <http://www.climatecentral.org/news/record-high-temperature-february-21186>

⁶³ Vaidyanathan, G. (2015) Killer heat grows hotter around the world, *Scientific American*, August 6, 2015, <https://www.scientificamerican.com/article/killer-heat-grows-hotter-around-the-world/>

⁶⁴ Mora, C. et al. (2017) Global risk of deadly heat. *Nature Climate Change*; DOI: 10.1038/NCLIMATE332

⁶⁵ Willett, K., et al. (2007) Attribution of observed surface humidity changes to human influence, *Nature*, 449, 710-712, doi: 10.1038/nature06207

⁶⁶ Durack, P., et al. (2012) Ocean salinities Reveal strong global water cycle intensification during 1950 to 2000, *Science*, 336(6080), 455-458, doi: 10.1126/science.1212222

⁶⁷ S. Rahmstorf and D. Coumou (2011) Increase in Extreme Events in a Warming World, *Proceedings of the National Academy of Sciences* 108, no. 44: 17905–17909, doi 10.1073/pnas.1101766108. Francis, J.A., Vavrus, S.J. (2012) Evidence linking Arctic amplification to extreme weather in mid-latitudes. *Geophysical Research Letters*, 39, L06801. Stott, P. (2016) How climate change affects extreme weather events. *Science*, 352, 1517–1518, doi:10.1126/science.aaf7271.

⁶⁸ Russo, S., et al. (2017) Humid heat waves at different warming levels. *Scientific Reports*; 7 (1) DOI: 10.1038/s41598-017-07536-7

⁶⁹ Russo, S., et al. (2017)

⁷⁰ Gaffney, O., and Steffen, W. (2017) The Anthropocene equation, *The Anthropocene Review*, <http://dx.doi.org/10.1177%2F2053019616688022>

⁷¹ Beck, P.S.A., et al. (2011) Changes in forest productivity across Alaska consistent with biome shift, *Ecology Letters*, doi: 10.1111/j.1461-0248.2011.01598.x

⁷² Loarie, S.R., et al. (2009) The velocity of climate change, *Nature*, 462, 1052-1055.

- Spring is coming sooner to some plant species in the Arctic while other species are delaying their emergence amid warm winters. The changes are associated with diminishing sea ice.⁷³
- Air temperature over land is rising.⁷⁴
- Global wind speed has accelerated.⁷⁵
- Spring is coming earlier.⁷⁶
- The lower atmosphere (troposphere) is warming.⁷⁷
- The tropics have expanded.⁷⁸
- Warmer winters with less snow have resulted in a longer lag time between spring events and a more protracted vernal window (the transition from winter to spring).⁷⁹
- Plants are leafing out and blooming earlier each year.⁸⁰
- Climate-related local extinctions have already occurred in hundreds of species, including 47% of 976 species surveyed.⁸¹
- Plant and animal extinctions, already widespread, are projected to increase from twofold to fivefold in the coming decades.⁸²
- Rising CO₂ decreases the nutrient and protein content of wheat, leading to a 15% decline in yield by mid-century.⁸³
- By 2050, climate change will lead to per-person reductions of 3% in global food availability, 4% in fruit and vegetable consumption, and 0.7% in red meat consumption. These changes will be associated with 529,000 climate-related deaths worldwide.⁸⁴
- Without changes to policy and improvements to technology, food productivity in 2050 could look like it did in 1980 because, at present rates of innovation, new technologies won't be able to keep up with the damage caused by the climate change in major growing regions.⁸⁵
- Certain groups of Americans—including children, elders, the sick and the poor—are most likely to be harmed by climate change.⁸⁶
- Climate change is harming human health now. These harms include heat-related illness, worsening chronic illnesses, injuries and deaths from dangerous weather events,

⁷³ Post, E., et al. (2016) Highly individualistic rates of plant phenological advance associated with arctic sea ice dynamics, *Biology Letters*, 12(12), 20160332, doi: 10.1098/rsbl.2016.0332

⁷⁴ Menne, M.J., et al. (2010) On the reliability of the U.S. surface temperature record, *Journal of Geophysical Research* 115, D11108, doi: 10.1029/2009JD013094

⁷⁵ Young, I.R., et al. (2011) Global trends in wind speed and wave height, *Science*, 332(6028), 451-455, doi: 10.1126/science.1197219

⁷⁶ See "The U.S. Geological Survey hails an early spring and ties it to climate change: <http://www.chron.com/news/houston-weather/article/The-U-S-Geological-Survey-hails-an-early-spring-10958042.php>. Kahru, M., et al. (2010) Are phytoplankton blooms occurring earlier in the Arctic? *Global Change Biology*, doi: 10.1111/j.1365-2486.2010.02312.x

⁷⁷ Thorne, P.W., et al. (2010) Tropospheric temperature trends: History of an ongoing controversy, *Wiley Interdisciplinary Reviews: Climate Change*, doi: 10.1002/wcc.80

⁷⁸ Seidel, D.J., et al. (2008) Widening of the tropical belt in a changing climate, *Nature Geoscience*, 1, 21-24, doi: 10.1038/ngeo.2007.38

⁷⁹ A. R. Contosta, et al. (2017) A longer vernal window: the role of winter coldness and snowpack in driving spring transitions and lags. *Global Change Biology*, 23 (4): 1610 DOI: 10.1111/gcb.13517

⁸⁰ Wolkovich, E., et al. (2012) Warming experiments underpredict plant phenological responses to climate change, *Nature*, 485(7399), 494-497, doi: 10.1038/nature11014

⁸¹ Wiens, J.J. (2016) Climate-related local extinctions are already widespread among plant and animal species, *PLOS Biology*, 14(12), e2001104, doi: 10.1371/journal.pbio.2001104

⁸² Wiens, J.J. (2016)

⁸³ Myers, S.S., et al. (2014) Increasing CO₂ threatens human nutrition, *Nature*, 510, 139-142, doi: 10.1038/nature13179. Feng, Z., et al. (2015) Constraints to nitrogen acquisition of terrestrial plants under elevated CO₂, *Global Change Biology*, 21(8), 3152-3168, doi: 10.1111/gcb.12938

⁸⁴ Springmann, M., et al. (2016) Global and regional health effects of future food production under climate change: a modeling study, *The Lancet*, March 2, 2016, doi: 10.1016/S0140-6736(15)01156-3

⁸⁵ Liang, X.Z., et al. (2017) Determining climate effects on US total agricultural productivity, *PNAS*, www.pnas.org/cgi/doi/10.1073/pnas.1615922114

⁸⁶ Medical Alert! Climate change is Harming Our Health, report by the Medical Society Consortium on Climate and Health, 24p. https://medsocietiesforclimatehealth.org/wp-content/uploads/2017/03/medical_alert.pdf

infectious diseases spread by mosquitoes and ticks, illnesses from contaminated food and water, and mental health problems.⁸⁷

- Global warming is changing life on Earth on a global scale.⁸⁸

Summary

According to Raftery et al. (2017) the likely (66%) range of global temperature increase over this century will be 2.0–4.9°C, with a median 3.2°C and a 5% (1%) chance that it will be less than 2°C (1.5°C).

What will this >3°C world look like?

- A global scale refugee crisis develops, as large parts of tropical continents become no longer habitable;
- Heat waves every summer in the middle latitudes that render the outdoors intolerable;
- Massive wildfires;
- Sea level, 10-15 m (30-50 ft), that will continue rising over many centuries;
- By 2050 wheat demand increases 60%, while actual yield decreases 15%;
- By 2100, 50% more people to feed, 50% less grain to give them;
- Among the world's major aquifers, 21 out of 37 are receding, from India and China to the United States and France;
- Extreme weather disasters, massive floods, heat waves, great tropical cyclones, mega-drought, and torrential rainfall will be widespread.

Ironically, with the ongoing global revolution in clean power, all this suffering and dystopia will be taking place in a world of solar panels, wind mills, electric cars, and cleaner air.

Hawai'i

With respect to Hawaii, heat stress to human communities will grow. Coral bleaching will be severe, probably resulting in the complete loss of many reefs and the fish they support. Rising sea level will erode the coast and flood urban areas. Seasonal waves and rising groundwater will flood coastal communities with growing frequency. Future rainfall is uncertain but is likely to change.⁸⁹ The number of extreme wet days will increase. Exposure to tropical cyclones and hurricanes will increase, and they are likely to be stronger storms. Strong El Niño years will be more frequent bringing more hot days, intense rains, windless days, and spikes in sea surface temperature.

Global Outlook

The U.S. Energy Information Administration forecasts global energy use to the year 2040. They project the following patterns: coal sustaining a 20-year-long plateau, natural gas plentiful and growing, carbon-free wind and solar growing rapidly in percentage terms but not fast enough to

⁸⁷ U.S. Global Change Research Program (2016) The Impacts of Climate Change on Human Health in the United States: A Scientific Assessment. Crimmins, A., et al. GCRP, Washington, DC, 312 pp. <http://dx.doi.org/10.7930/J0R49NQX>

⁸⁸ Rosenzweig, C., et al. (2008) Attributing Physical and Biological Impacts to Anthropogenic Climate Change, *Nature* 453, no. 7193: 353–357.

⁸⁹ State of Environmental Conditions in Hawaii and the U.S. Affiliated Pacific Islands under a Changing Climate (2017) Coordinating Authors: J.J. Marra and M.C. Kruk. Contributing Authors: M. Abecassis; et al., September, NOAA NCEI.

bring emissions down in absolute terms, and petroleum holding its own as the main source of energy for transportation, despite the arrival of electric vehicles.⁹⁰

With populations growing and developing nations getting richer, total energy consumption will keep climbing despite gains in energy efficiency. Fossil fuels will hold a 77% market share, and as a result greenhouse gas emission will increase in parallel. The EIA (2017) projects worldwide emissions of carbon dioxide from the burning of fossil fuels will grow 16% by the year 2040. This is far away from the necessary 50% decrease per decade⁹¹ necessary to meet the Paris Agreement target of 2°C (**Figure 1**).

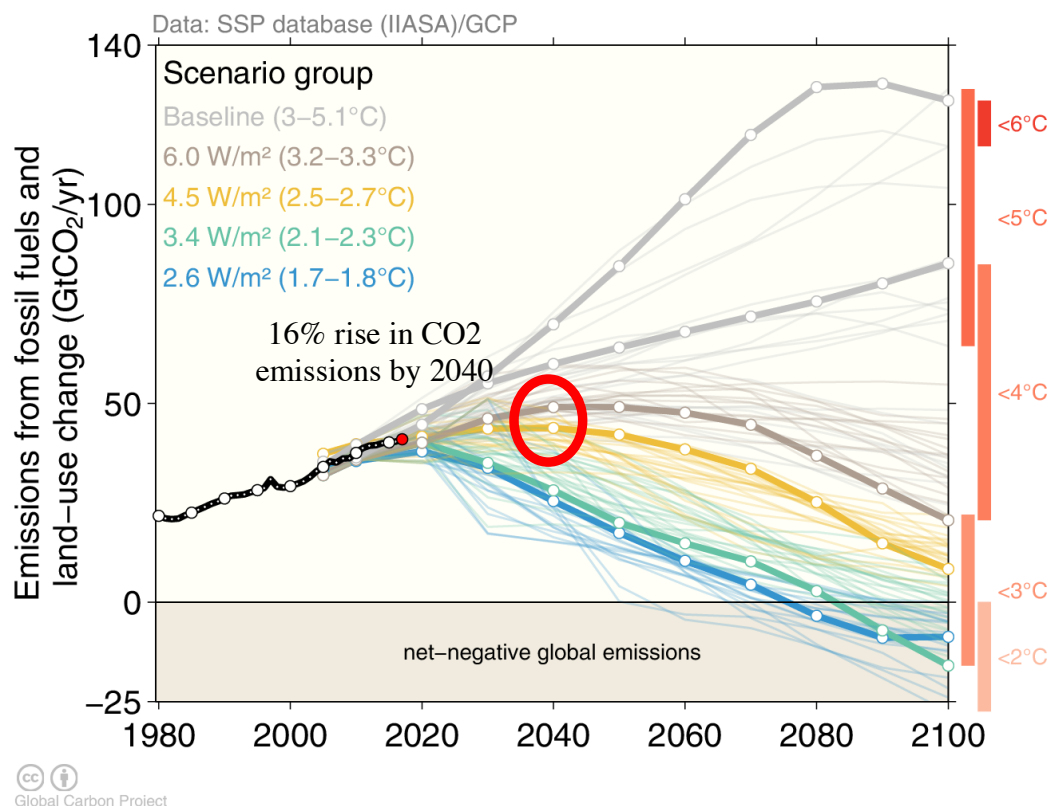


Figure 1. The EIA (2017) forecasts a 16% rise in carbon dioxide emissions by 2040 (red circle). This is consistent with warming to 3 to 4°C by the end of the century. According to the Intergovernmental Panel on Climate Change (IPCC, 2013), the only pathway to stabilizing warming at 2°C is to employ negative emissions in the second half of the century (Global Carbon Project, 2017).

⁹⁰ EIA (2017) International Energy Outlook, U.S. Energy Information Administration, [https://www.eia.gov/outlooks/ieo/pdf/0484\(2017\).pdf](https://www.eia.gov/outlooks/ieo/pdf/0484(2017).pdf)

⁹¹ Rockström, J. et al. (2017) A roadmap for rapid decarbonization. *Science*, 355 (6331): 1269 DOI: 10.1126/science.aah3443

Krista E. Jaspers
Voter, District 4
2562 Halekoa Drive
Honolulu, HI 96821

April 9, 2018

Dear Budget Committee Chair Trevor Ozawa and members of the Budget Committee,

I am writing to express my support for the continued FULL funding of the Office of Climate Change, Sustainability, and Resiliency (CCSR), a critical and essential component in maintaining Honolulu as a leader in the sustainability and resilience movement.

Despite being a small office, the impact of the CCSR is great, and we cannot afford to threaten such an important investment in the current and future protection of our coastal communities, public safety, and property in the face of a rapidly changing climate. The time is now to lend CCSR our full support – a relatively small amount of funding now can contribute to the planning and adaptation of our communities to avoid more costly damages later. For every \$1 spent on resilience and hazard mitigation, approximately \$6 in damage can be avoided when a natural disaster, such as a hurricane, impacts a community.

The tragedy and difficulty in recovery in Puerto Rico should serve as a warning to Hawaii, which lags in updating key infrastructure to be climate resilient and hazard proof, and is also more isolated. The CCSR has proposed critical investments in projects that will be essential to avoiding the emergency situation that has faced Puerto Rico, and which hinders its ability to recover.

Please support a resilient island community with the full funding of the Office of Climate Change, Sustainability, and Resiliency for FY19. This small investment will ensure that our island home remains a unique paradise for years to come, even in the face of a rapidly changing climate.

Mahalo,

A handwritten signature in cursive script that reads "Krista Jaspers".

Krista Jaspers

From: CLK Council Info
Sent: Monday, April 09, 2018 1:05 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Stephanie Mock
Phone 808-492-4344
Email stephanie.k.mock@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Stephanie and I am a resident of Honolulu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
Attachment
Accept Terms
and Agreement

1

From: CLK Council Info
Sent: Monday, April 09, 2018 12:55 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Shellie Habel
Phone 808 286-2586
Email skey@hawaii.edu
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Representative Ozawa and Members of the Budget Committee,
My name is Shellie Habel and I am a resident of Hawaii Kai. I am writing to you regarding proposed budget cuts to the Office of Climate Change, Sustainability and Resiliency (CCSR). I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15(2018). Frankly, I am surprised that budget cuts to this office are being proposed as the office and its goals are strongly supported by the residents of Honolulu. This is suggested by a 17-point margin of voting citizens that supported its establishment by City Charter amendment in 2016.
The CCSR budget as proposed, represents a minimum, baseline amount required for its mission and purpose. The CCSR staff have approached their start-up year efficiently and effectually by conducting an incredible amount of outreach, listening to the community, and being open and accessible to citizen input.
Further, resilience work has a high cost-benefit ratio for local governments. For every \$1 spent on resilience and hazard mitigation, approximately \$6 in damage can be avoided when a natural disaster, such as a hurricane, impacts a community. Thus, it is essentially certain that cutting the CCSR budget will lead to future losses to the overall budget since climate change is a clear and growing threat to our islands.
Again, I hope that you fully fund the strongly supported Office of Climate Change, Sustainability and Resiliency. Our islands should be proud that we are leading the way in mitigation and adaptation regarding climate related hazards. It would be a shame to slow that progress.
Sincerely,
Shellie Habel



Email: communications@ulupono.com

HONOLULU CITY COUNCIL COMMITTEE ON BUDGET
Wednesday, April 11, 2018 — 9:00 a.m. — Committee Meeting Room

UluPono Initiative Strongly Supports the Office of Climate Change, Sustainability, and Resiliency in Bill 15

Dear Chair Ozawa, Vice Chair Kobayashi, and Members of the Committee:

My name is Murray Clay and I am Managing Partner of UluPono Initiative, a Hawai'i-based impact investment firm that strives to improve the quality of life for the people of Hawai'i by working toward solutions that create more locally produced food; increase affordable, clean, renewable energy; and better management of waste and fresh water. UluPono believes that self-sufficiency is essential to our future prosperity and will help shape a future where economic progress and mission-focused impact can work hand in hand.

UluPono strongly supports the Office of Climate Change, Sustainability, and Resiliency in Bill 15, because we need a champion in the City's administration to help increase sustainability programs and policies for O'ahu residents.

As environmental and economic challenges increase, it is imperative that the City and County of Honolulu (CCH) develop a team to guide county policies and actions. We are particularly excited that the office's mandate includes obtaining information from scientists, coordinating between all levels of government, and reporting on sustainability targets and objectives, especially since CCH is often the first line of defense for O'ahu in combating the effects of climate change.

In the November 2016 election, the majority of voters approved the creation of this office. UluPono strongly supports staffing levels necessary to effectively carry out its responsibilities. To support the cause, UluPono has dedicated up to \$360,000 in funding for the Office from 2017 – 2019, pending matching funds from other private sources or funding by the Honolulu City Council.

We believe this office would help the City more effectively execute its current sustainability plans and create future sustainability goals. Now that the State Sustainability Coordinator position is filled, we found that relationship helpful in communicating and coordinating actions both inside and outside of State government to promote a healthier environment and economy. We envision the Office of Climate Change, Sustainability, and Resiliency will

Investing in a Sustainable Hawai'i

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do the same for county-level issues.

As environmental issues become ever more complex and challenging, we appreciate this committee's efforts to look at policies that improve the quality of life for the people of Hawai'i.

Thank you for this opportunity to testify.

Respectfully,

Murray
Managing Partner

From: CLK Council Info
Sent: Monday, April 09, 2018 12:03 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Abbey Seitz
Phone 651 587 1165
Email aseitz@ssfm.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? Yes

Aloha Chair Ozawa and members of the Budget Committee,

My name is Abbey Seitz, and I am a resident of Kaimukī in Honolulu (District 5). I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees.

Written
Testimony

I support the CCSR budget as proposed, which represents a minimum, baseline amount required for a mission and purpose as important as the one tasked to this Office. It appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement.

The Office of Climate Change, Sustainability and Resiliency was established by City Charter amendment in 2016 by a 17-point margin of voting citizens. I work as an urban and community planner for a local engineering firm (SSFM International). A great deal of my work involves planning for climate change resilience and adaptation, specifically preparing for coastal hazards. I can testify to the fact that although Hawai'i has contributed minimally to overall global greenhouse emissions, Hawai'i will be one of the most affected communities by sea level rise and other coastal hazards associated to climate change. According to the best available science, some of Hawai'i's coastal communities will be inundated by mid-century. Moreover, Hawai'i's marginalized will be most impacted; providing affordable housing and critical services will become even more difficult in the face of increasing natural and man-made hazards.

As a caveat, I have only lived 6 years on O'ahu. However, during this that time I have watched O'ahu change dramatically. I have had a first row seat to watching some of my beaches erode due to seawalls and armoring. I have felt the heat of the summer grow more extreme. I have observed open space and public access dwindle. These trends are only likely to continue with the increase of climate threats. The beloved and sacred spaces of Hawai'i Nei are threatened; the well-being of our residents are at stake. Now, more than ever, we must support the work of the Office of Climate Change, Sustainability and Resiliency, and other related efforts, to ensure Hawai'i is livable and prosperous for future generations.

Mahalo for your ongoing support for this Office in Bill 15 (2018).

Thank you for your time,
Abbey Seitz

Testimony
Attachment

Accept Terms and
Agreement 1

From: CLK Council Info
Sent: Monday, April 09, 2018 12:41 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Madison Masek
Phone 6198188071
Email mmasek@my.hpu.edu
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Madison Masek and I am a resident of Oahu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
Attachment

Accept Terms and
Agreement 1

From: CLK Council Info
Sent: Monday, April 09, 2018 11:50 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name mio chee
Phone 8085364891
Email mioono@hotmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Mio Chee and I am a resident of Makiki. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change.

Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
Attachment

From: CLK Council Info
Sent: Monday, April 09, 2018 11:51 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Dyson KN Chee
Phone 8085364891
Email cheedyson@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Dyson Chee and I am a resident of Makiki. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018)

Testimony
Attachment

Accept Terms and
Agreement 1

From: CLK Council Info
Sent: Monday, April 09, 2018 11:52 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Nao Ito
Phone 8082222940
Email healthykidshawaii@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Nao Ito and I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018)

Testimony Attachment
Accept Terms and Agreement

1

From: CLK Council Info
Sent: Monday, April 09, 2018 12:04 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name John P Xenakis
Phone 917-710-2486
Email jpxenakis@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 51 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is John P Xenakis and I am a resident of Kailua. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. As a home-owner who came to Oahu from the Northeast, I have seen firsthand what the change in climate is doing to the severity of weather, having lost power in two different homes during Hurricane Sandy. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Speaker Registration/Testimony

Name Rachel Goldberg
 Phone 7073224636
 Email rmgold66@hawaii.edu
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Rachel M. Goldberg and I am a resident of Honolulu, HI. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018)

Testimony Attachment
 Accept Terms and Agreement 1

Testimony of The Nature Conservancy of Hawai'i
(Contact: Mark Fox, Director of External Affairs, (808) 587-6234 mfox@tnc.org)
Supporting the Proposed Budget for the Office of Climate Change, Sustainability and Resiliency
Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Honolulu City Council, Committee on Budget, Special Meeting
Wednesday, April 11, 2018, 9:00AM, Committee Meeting Room

The Nature Conservancy of Hawai'i is a private non-profit conservation organization dedicated to the preservation of the lands and waters upon which life depends. The Conservancy has helped to protect nearly 200,000 acres of natural lands in Hawai'i. We manage 43,000 acres in 14 preserves and work in 19 coastal communities to help protect the near-shore reefs and waters of the main Hawaiian Islands. We forge partnerships with government, private parties and communities to protect Hawai'i's important watershed forests and coral reefs.

The Nature Conservancy supports the proposed Fiscal Year 2019 budget for the Office of Climate Change, Sustainability and Resiliency (CCSR) and its essential staffing and operations to lead Honolulu's preparations for the inevitable impacts of climate change.

Climate change caused by burning fossil fuels is an imminent and unprecedented threat to every person in Hawai'i. It is our responsibility to do what's necessary reduce our own carbon emissions, however small on a global scale, to contribute to the worldwide effort needed to mitigate the growing effects of climate change. Even if we drastically reduce CO₂ emissions now, however, we will still feel certain effects of climate change. In Hawai'i, science indicates that this will likely include:

- More frequent and more severe storms that can increase runoff and siltation;
- Overall, less rainfall and therefore less fresh water;
- Higher temperatures that affect watershed and agricultural health, while being beneficial to invasive species;
- Sea level rise and high waves that will harm coastal areas and groundwater systems;
- Ocean acidification that will inhibit the growth of protective coral reefs.

Hawai'i is already exhibiting telltale signs of climate change. UH's Rainfall Atlas catalogues a century of declining rainfall and fewer trade wind days. Summer temperature records were broken across the state and a record number of storms took aim at Hawai'i over the last few years. In response to these conditions, we must plan and implement mitigative and adaptive measures to ensure the resilience of our natural and human systems.

Many of the City's, State's and partners' goals for such things as clean energy, resilient infrastructure, local food production, economic development, and natural resource protection require coordination and collaboration across sectors. Last year, the State Legislature re-established the State Sustainability Coordinator position with the State Office of Planning. At the forefront for the City, the CCSR not only opens lines of communication and collaboration amongst government agencies and into the private sector, it is leading the way with practical and critical policies and actions to help Honolulu's government and people understand and prepare for the changes we are experiencing now and into the future.

BOARD OF TRUSTEES

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Brian J. Doyle Dr. Alan M. Friedlander James J.C. Haynes III Sean A. Hehir Kris N. Kobayashi Eiichi Kuwana
Kathy M. Matsui James C. Polk Dustin E. Sellers Nathan E. Smith (Chair) Peter K. Tomozawa Richard N. Zwern



Hawai'i Energy

1132 Bishop Street, Suite 1800 • Honolulu, Hawai'i 96813 • HawaiiEnergy.com • P: (808) 839-8880 • F: (808) 441-6068

Before the City & County of Honolulu City Council - Budget Committee
Wednesday, April 11, 2018, 9:00 AM, Committee Meeting Room
Bill 15: Executive Operating Budget and Program for FY 2019

Chair Ozawa and members of the Budget Committee:

Thank you for the opportunity to submit testimony on Bill 15. The Hawai'i Energy program would like to testify in strong **support** for full funding of the Office of Climate Change, Sustainability and Resiliency (CCSR) budget as proposed in Bill 15.

Hawai'i Energy works to empower island families and businesses on behalf of the Hawai'i Public Utilities Commission (PUC) to make smart energy choices to reduce energy consumption, save money, and pursue a 100% clean energy future. Hawai'i Energy commends the efforts of the City & County of Honolulu (City) for its leadership in sustainability and resiliency. The City is already working with Hawai'i Energy to take actions to reduce energy consumption through the installation of LED street lighting, the installation of energy efficiency equipment at more than 1000 City owned housing units, and efficiency upgrades at several wastewater treatment plants.

One of the foundations of a strong economy on O'ahu is a strong environment, which now draws millions of visitors who are increasingly demanding sustainability practices as part of their destination selection. CCSR is working on policies to protect our beaches, our environment, and drive toward 100% renewable energy and renewable transportation to keep Hawai'i in a leading position.

CCSR has proposed several practical, critical projects in its first full year to honor the City's pledge to abide by the Paris climate agreement and make the City more efficient and save taxpayer funds in the long-term. Hawai'i Energy is directly working with CCSR to continue to leverage energy efficiency as a way to reduce energy expenses and reinvest the savings into critical projects. In order to get started, the \$200,000 budget for a City-wide energy audit to identify potential cost savings and emissions reduction across city properties is an important first step. Hawai'i Energy will be providing technical support as well as financial support, in the way of incentives, to encourage the installation of energy efficient equipment upgrades that will be identified through the audit.

Support for CCSR at its full budget request amount will allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability and resilience movement. Hawai'i Energy is excited to continue its work with the City and CCSR and full funding of the budget is a critical component.

Thank you for the opportunity to testify in strong **support** of full funding of the CCSR budget as proposed in Bill 15.

Brian Kealoha
Executive Director
Hawai'i Energy

To the Budget Committee Chair Trevor Ozawa and members of the Budget Committee.

Thank you for your valuable time in reading this.

My name is Peter Foster. I am the Owner and Executive Chef of Memoirs LLC established 2006 in Honolulu. I am writing to show my strong support for Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget.

The necessary means to sustain our economy on O'ahu is a protected and thriving environment. Hawaii and O'ahu draw millions of visitors who expect sustainable practices and governing bodies who support such actions. Without that in place Hawaii and Oahu will see a rapid decline in tourism and visitors.

CCSR is essential to creating policies that protect our home and our environment. The world and our local community needs CCSR and other like-minded groups to steer policies towards renewable energy and renewable transportation.

The world was watching when our councilmembers and state legislature, Hawaii's best and brightest, sided with the Paris Agreement when POTUS did not. Funding for CCSR is necessary to prove Hawai'i as a leader in this change and as a state that does what it says it will do.

Accomplishing this goal has to be top priority and receive all the funding possible before it's too late. Any direction against such funding is a direction towards the depletion and destruction of Hawaii's environment.

I hope you will consider this letter of support and do what is best in your eyes, with the power we the people have bestowed, for the preservation of our island home.

Yours In Service,

Peter C. Foster
Chef/ Owner

memoirshawaii.com





April 9, 2018

The Honorable Trevor Ozawa, Chair
The Honorable Ann Kobayashi, Vice Chair
and Members
Committee on Budget
530 South King Street, Room 202
Honolulu, Hawaii 96813

Dear Chair Ozawa, Vice Chair Kobayashi, and Committee Members:

I write to convey my unqualified support for full funding of the Office of Climate Change, Sustainability and Resiliency (CCSR) as proposed in Bill 15, the Executive Operating Budget and Program for Fiscal Year 2019. 100 Resilient Cities (100RC), pioneered by the Rockefeller Foundation, is proud to partner with Honolulu, and I am honored to work with CCSR professionals and to interact with decision-makers like yourself.

As I am now learning in Puerto Rico, the failure to plan for shocks and longer-term stresses results in tremendous costs and potentially irreversible damage. Alongside my work in Honolulu, I'm staffing the Resilient Puerto Rico Advisory Commission, formed after the devastation of Hurricane Maria. Through this work, I'm witnessing how unmitigated risks became especially acute vulnerabilities in island contexts. Puerto Rico's failure to proactively build resilience has dramatically impacted the viability of its housing, energy and water infrastructure, business environment and natural systems. It will take many years for this island, and several others throughout the Caribbean, to restore systems critical for their economies and human habitats. Sadly, the 2018 hurricane season is within two months, and the Maria recovery process is only just beginning.

Fortunately, O'ahu has been spared an equivalent major shock, though indeed it is only a matter of time. CCSR is at the forefront of preparing for these challenges on behalf of the City & County of Honolulu. Amongst all the cities across the 100RC network, CCSR has hit the ground running, with an innate ability to creatively leverage external resources to complement City funds. The Office has wisely used its resources in a way that multiplies the depth and pace of their reach. Through its multi-pronged initiatives, CCSR is poised to equip the City & County of Honolulu with the deep structural changes, informed by international best practices, that are required to face the disturbingly imminent impacts of climate change.

Respectfully, I implore upon you the urgency of CCSR's work. The structural changes required to bolster resilience, especially within the major physical infrastructure systems upon which our lives and economies depend, takes a significant amount of time and collaboration. O'ahu must start planning and building resilience to its shocks and stresses now. Shortsighted budget cuts that would delay these actions would only result in O'ahu's further exposure to the risks that are now plaguing the Caribbean island nations in ways that they may never recover.

For these reasons, I trust you will support the important work of the CCSR Office by fully funding their FY19 budget request of \$1,148,764—which, on a per-capita basis, represents a relatively small but critically important resilience investment so direly required in O'ahu.

Mahalo,

Eric H. Wilson, Associate Director
100 Resilient Cities

~~Speaker Registration~~/Testimony

Name Amber Strong Makaiau
 Phone 808-392-3189
 Email makaiauamber@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No
 Written Testimony
 • As a lifetime resident of the state of Hawai‘i—who deeply cares about this place and wants to ensure its health for future generations—I strongly support for the Office of Climate Change, Sustainability and Resiliency and the CCSR budget as proposed. This budget represents the minimum amount required for a mission and purpose as important as the one tasked to this Office. The Honolulu City Council MUST maintain the CCSR so that it can continue to protect our coastal communities, public safety, and property in the face of a rapidly changing climate. Please do what is right.
 Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Miriam E Swann
 Phone 808-531-4005
 Email mswann@att.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is _Miriam E Swann_ and I am a resident of _Honolulu_. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony Attachment
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~~Speaker Registration/Testimony~~

Name	Taylor Kellerman
Phone	808-800-6319
Email	taylorkellerman76@gmail.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	I think is a necessary support group for our City Council to make the most informed decisions moving forward regarding climate change.
Testimony Attachment	
Accept Terms and Agreement	1

~~Speaker Registration/Testimony~~

Name Keiko Gonzalez
 Phone 808 554-0393
 Email Kiele.aloha@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Keiko Gonzalez and I am a resident of He'eia, O'ahu. I am in strong support of appropriating \$1,148,764 (if not more!) for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name	Cynthia King
Phone	8086408687
Email	soysprout@yahoo.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15: The work that the Office of Climate Change, Sustainability and Resiliency is doing to protect O'ahu's coastal communities, public safety, and
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	The work that the Office of Climate Change, Sustainability and Resiliency is doing to protect O'ahu's coastal communities, public safety, and property in the face of a rapidly changing climate is absolutely essential. As a resident and a scientist, I know the foundation of our quality of life on O'ahu is a strong environment. We have to make sure O'ahu maintains and protects its unique landscape and natural resources for the benefit of generations to come. Our environment, particularly our coastal systems, also draw millions of visitors each year, and propels the tourism economy on which so many depend. CCSR is working on policies to protect our beaches, our environment, and drive toward 100% renewable energy and renewable transportation to keep Hawai'i in a leading position. Please continue to support CCSR in this critical mission.
Testimony Attachment	
Accept Terms and Agreement	1

~~Speaker Registration/Testimony~~

Name Kahi Pacarro
 Phone 8082217678
 Email kahi@sustainablecoastlineshawaii.org
 Meeting Date 11-20-2018
 Council/PH Committee Budget
 Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
 Your position on the matter Support
 Representing Organization
 Organization Sustainable Coastlines Hawaii
 Do you wish to speak at the hearing? No

The Office of Climate Change, Sustainability and Resiliency was created as a result of overwhelming public demand. In just the past year we've seen this office take impactful steps in creating a sustainable narrative for our Island. We need to water and nurture this office so that the City and County of Honolulu can be resilient, strong, and sustainable while still growing. This is not the time to cut resources.

Written
Testimony

I strongly support the Office of Climate Change, Sustainability and Resiliency, which was established by City Charter amendment in 2016 by a 17-point margin of voting citizens. Those same voting citizens that entrust our City Council to represent their communities. Please execute the will of the people and fully support the Office of Climate Change, Sustainability and Resiliency.

Testimony
 Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name	Yvonne Geesey
Phone	808 227 9361
Email	geesey@hawaii.edu
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	Mahalo for this opportunity to support the budget for our Office of Climate Change, Sustainability, and Resiliency. Please authorize the requested budget to protect our `Aina and Lahui.
Testimony Attachment	
Accept Terms and Agreement	1

~~Speaker Registration/Testimony~~

Name David Ninomiya
 Phone 808 381 1440
 Email dninomiya@hotmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
 Your position on the matter Support
 Representing Self
 Organization N/A
 Do you wish to speak at the hearing? No

Budget Committee Chair Trevor Ozawa and Members:

My name is David Ninomiya, a lifelong resident of Hawaii. I would like to support the budget for the Office of Climate Change, Sustainability and Resiliency (CCSCR) in full. Their work is important, not only in terms of deciding how to protect our natural beauty, which not only everyone appreciates, but is a main factor in why tourists visit Hawaii, and as you know, tourism is our main economic driver.

Written Testimony Years ago, I would hear "climate change" and "global warming" as abstract futuristic problems, but it's no longer being talked about that way. Some reports about the effects of climate change are not stated as "in 50 years time . . . " but rather "today, climate change is affecting . . . ".

While we alone in Hawaii won't be able to stop the effects of climate change, I feel it's very important to study and mitigate the effects of it as best we can. I know long term planning on climate change isn't the highest priority for everyone, but given the vulnerability of our island state, it is something that should be given adequate resources because it's already affecting us, and only more so in the future.

Thank you for your consideration,

-David Ninomiya

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Janice Palma-glennie
 Phone 8083240092
 Email palmtree7@earthlink.net
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

“Aloha Chair Ozawa and members of the Budget Committee,
 I am a 40-year hawai’i resident.

I'm in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018) and am excited to see that there's a chance for this bill to pass. I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan’s proposed amendment to increase the Office’s budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O’ahu’s environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).”

Mahalo for supporting this effort and bill.

Testimony
 Attachment
 Accept Terms
 and 1
 Agreement

~~Speaker Registration/Testimony~~

Name Rebeca Zamora
 Phone 808 585-1974
 Email Rebezamo@gmail.com
 Meeting Date 04-18-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Rebeca Zamora and I am a resident of Oahu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony Attachment
 Accept Terms and Agreement 1

April 8, 2018

Aloha Trevor Ozawa and Budget Committee Members:

My name is Danielle Douglass and I'm a Kaneohe resident. I'm writing to testify in support of Bill 15.

I strongly support the Office of Climate Change, Sustainability and Resiliency (CCSR) and its continued livelihood through its budget request.

As someone who grew up in Hawaii and is strongly connected to the natural environment, I feel it's vital to continuing funding this office because of the critical work it does to protect the environment.

We all know that tourism is one of the economic driving factors of our state and critical to our livelihood. Many visitors come to our state from places that are leading the world in sustainable practices — cities like Portland, Oregon and countries like Finland and Iceland — and they expect to see similar practices where they choose to vacation.

The CCSR is working on policies that will meet this demand and protect our beaches and natural environment. They are also driving Hawaii toward having 100 percent renewable energy and transportation options to keep our state as a front-runner in sustainability.

The CCSR has a small but dedicated staff, and they've worked endless hours to identify the most critical projects in support of the City's pledge to the Paris climate agreement. They have a concrete action-plan and are ready to hit the ground running with several projects requiring funding — a City-wide energy audit, Climate Action Plan, Coastal Land Data Program and AmeriCorps VISTA grant — that will increase the City's efficiency and work to make our state more sustainable.

I ask you to pass this bill and approve the CCSR budget request in full so that they can continue the important work they've started and make sure that Hawaii is on par with places that are working to protect the environment for current and future generations. I want to be proud of the state I choose to call home and know that it's an attractive, sustainable place for residents and visitors.

Thank you for your time and consideration of my testimony in support of Bill 15.

Sincerely,

Danielle Douglass

~~Speaker Registration/Testimony~~

Name Maxine Burkett
 Phone 808-478-2146
 Email maxine.burkett@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? Yes

Written Testimony

I strongly support the Office of Climate Change, Sustainability and Resiliency, which was established by City Charter amendment in 2016 by a 17-point margin of voting citizens. I support the CCSR budget as proposed, which represents a minimum, baseline amount required for a mission and purpose as important as the one tasked to this Office. CCSR is small but is having outsized impact for O‘ahu, and is working to protect our coastal communities, public safety, and property in the face of a rapidly changing climate. As a rule, resilience work has a high cost-benefit ratio for local governments. For every \$1 spent on resilience and hazard mitigation, approximately \$6 in damage can be avoided when a natural disaster, such as a hurricane, impacts a community. CCSR has proposed practical, critical projects in their first full year to honor the City’s pledge to abide by the Paris climate agreement and make the City more efficient and save taxpayer funds in the long-term. Again, I strongly support full funding of the Office of Climate Change, Sustainability and Resiliency.

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name L.M. Holmes
 Phone 5176104048
 Email lholmes@hillsdale.edu
 Meeting Date 04-11-2018

Council/PH
 Committee Budget

Agenda Item Bill 15 (2018)

Your position on the
 matter Support

Representing Self
 Organization

Do you wish to
 speak at the
 hearing? No

Written Testimony My name is Dr. Lorna Holmes and I am a resident of Honolulu 96817. I am in strong support of sufficient funding for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018).

Testimony
 Attachment

Accept Terms and
 Agreement 1

~~Speaker Registration~~/Testimony

Name	Patrick Williams
Phone	808-256-7181
Email	patwill9@yahoo.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No

Dear chair Ozawa,

Written Testimony I support Bill 15 and urge the Council to fully fund the Office of Climate Change, Sustainability, and Resiliency. This will allow the city to multiply its impact by qualifying for private grants from the Rockefeller Foundation and other funders.

Testimony

Attachment

Accept Terms and
Agreement 1

Speaker Registration/Testimony

Name Nathan Braulick
 Phone 8082651720
 Email braulick@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Aloha Chair Ozawa and members of the Budget Committee:

My name is Nathan Braulick and I am a resident of Honolulu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office.

Written
 Testimony

This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation.

Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement.

This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change.

Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
 Attachment
 Accept Terms
 and Agreement 1

~~Speaker Registration/Testimony~~

Name Seifried
 Phone (808) 254-9054
 Email seifrieds001@hawaii.rr.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Dr. Steve Seifried and I am a resident of Kailua. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018)

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Randy Gonce
 Phone 808-829-5042
 Email rgonce@my.hpu.edu
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Aloha members of the Budget Committee, Mahalo for the opportunity to testify. My name is Randy Gonce and I am in STRONG SUPPORT of Bill 15.

Dedicating city and state funds and resources to the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018) is necessary if we want become proactive to secure the future of Hawaii. The growing evidence collected and published in peer reviewed research, along with scientific models, and overwhelming consensus of climate scientists and economists predict conditions on our planet hostile to sustaining human life. The future currently looks bleak if we don't change our course soon.

As a graduate student in Global Leadership in Sustainable Development at Hawaii Pacific University the challenges our state will face ahead have only been made more clear to me through course work coming with the added bonus of studying specifically how to implement a sustainable plan.

This funding is one of those required blocks to implementing a sustainable plan. I urge you all to pass this measure as is, this is a great step in the right direction.

Testimony
 Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Paula Miller
 Phone 808.963.5082
 Email PAVMiller721@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Paula Miller and I am a resident of Ninole, HI. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony Attachment
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~~Speaker Registration/Testimony~~

Name Layla Kilolu
 Phone 8082767601
 Email kilolu@hawaii.edu
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15- Executive Operating Budget and Program for FY 19 - CCSR Budget
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Aloha Budget Committee Chair Trevor Ozawa and members of the Budget Committee:

My name is Layla Kilolu and I am a graduate student at the Department of Urban and Regional Planning at the University of Hawaii at Manoa. I was awarded an East-West Center fellowship in order to further my research on vulnerable populations as they relate to resilient communities in the face of climate change. The work that the Office of Climate Change, Sustainability and Resiliency (CCSR) is doing is crucial to the resilience of our island of Oahu. With Honolulu's large vulnerable populations, which include low-income and unsheltered people, Micronesians, the elderly, and at-risk youth, it is imperative that the city's strategy addresses the needs of these groups, in the event of a disaster or other shock. Therefore I am writing in favor of full funding for the CCSR office as proposed in Bill 15, the Executive Operating Budget and Program for Fiscal Year 2019.

The issue of equity as it relates to resilience planning is of critical importance to Honolulu. Hawaii faces the highest per capita rate of homelessness in United States, with 505 homeless for every 100,000 residents. The island of Oahu in 2015 had 7,620 unsheltered people, and this number has risen over time. In addition, 17% of Hawaii residents-- about 1 in 6 people-- live in poverty, according to the U.S. Census Bureau, and 18.4 percent of Hawaii residents live below the Census Bureau's Supplemental Poverty Measure (SPM), the sixth highest rate in the country. The World Bank report concludes that resilience-building interventions, including mitigation efforts, are key to protecting the poor from increasing costs and extreme weather events. Building the resilience of a community is one of the essential elements to poverty reduction and decreasing inequity.

Hawaii is already seeing the extreme effects of climate change. Further, vulnerable or at-risk communities are on the frontline of climate impacts, are most often the first and worst hit, and often suffer disproportionately whether from flooding, heat waves, or high

Written

Testimony wind events. In 2017, the United States saw more than \$300 billion dollars worth of economic damages caused by Hurricanes Harvey, Irma, Maria, among other extreme weather events. It is the population living at or below the poverty line that suffer disproportionately from these impacts. According to a 2017 World Bank report, extreme weather events are more devastating to impoverished communities, pushing 26 million people worldwide into poverty each year. In the United States, Hurricane Harvey displaced 42,000 people, forcing them into shelters and other makeshift housing. Inequity was already a major issue in Houston, with 1.3 million people in Houston lacking health insurance and 22.5 percent of the population living below the poverty line. I'm sure I don't have to mention the situation in Puerto Rico, which could easily be the situation here without proper planning.

As climate change exacerbates weather patterns and extreme weather events, it is not a matter of if a disaster hits Honolulu, but when it does. Furthermore, we must invest in the appropriate resilience efforts. The CCSR office is doing great work to increase the resilience of our island and in bringing the right stakeholders together to combine resources and work in collaboration. The staff's commitment to their work is inspiring and they have the support of many individuals and organizations because we understand the importance of this work.

Thank you very much for your kind attention and consideration.

Respectfully yours,

Layla M. Kilolu, MBA
 Graduate Student
 Department of Urban and Regional Planning, UH Manoa
 East-West Center Fellow

Testimony
 Attachment
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 and
 Agreement

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~~Speaker Registration/Testimony~~

Name Gary Miller
 Phone 8089635082
 Email millergl2@verizon.net
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written
 Testimony

Aloha Chair Ozawa and members of the Budget Committee! My name is Gary Miller and I am a resident of Ninole, Hawaii. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018). Much Mahalo for your consideration support of this important bill.

Testimony
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~~Speaker Registration~~/Testimony

Name Dave Raney
 Phone 218-6006
 Email d.raney108@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony Aloha Chair Ozawa and members of the Budget Committee, My name is Dave Raney. I am a resident of East Honolulu.
 I strongly support appropriation of \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency, as proposed in Bill 15 (2018).
 I also support Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation.
 Mahalo,
 Dave Raney

Testimony
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~~Speaker Registration/Testimony~~

Name Anne Wheelock
 Phone 524-3443
 Email anne.wheelock@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

“Aloha Chair Ozawa and members of the Budget Committee, My name is Anne Wheelock and I am a resident of Honolulu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan’s proposed amendment to increase the Office’s budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O‘ahu’s environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).”

Testimony Attachment
 Accept Terms and Agreement 1

Speaker Registration/Testimony

Name Carol Philips
 Phone 8087796222
 Email carolphilips1@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Carol Philipsz and I am a resident of Haleiwa. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).”

Respectfully,
 Carol Philips

Testimony Attachment

Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Joyce M. Brown
 Phone 808-216-6444
 Email jmarybrown@mac.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony Our islands are at great risk to climate change as increased ocean waters will encroach on shorelines. Warming waters are damaging coral reefs health and negatively affect indigenous plants. Extreme weather patterns will result in harm to all of us...

The list of danger goes on forever. Please do not reduce, instead increase the budget for Hawaii's preparation to prevent and plan for climate change.

Testimony
 Attachment

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Speaker Registration/Testimony

Name Marlee Breese
 Phone (808) 259-5268
 Email mbreese@lava.net
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

“Aloha Chair Ozawa and members of the Budget Committee, My name is Marlee Breese and I am a resident of Waimanalo. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan’s proposed amendment to increase the Office’s budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O’ahu’s environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).”

Testimony Attachment
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~~Speaker Registration/Testimony~~

Name Karen Desilets
 Phone 8085429921
 Email karen.desilets@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Karen Desilets and I am a resident of Kaneohe. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).”

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Eric W. Gill, Financial Secretary-Treasurer

Gemma G. Weinstein, President

Godfrey Maeshiro, Senior Vice-President

Saturday, April 7, 2018

Committee on Budget
City Council
City & County of Honolulu
Honolulu, Hawaii 96813

Re: Bill 15 (2018) & the Office of Climate Change, Sustainability & Resiliency

Chair Ozawa & Committee Members,

UNITE HERE Local 5 would like to offer the following comments related to Bill 15 (2018). More specifically, we write in support of the Office of Climate Change, Sustainability & Resiliency.

Established in 2016 by voters as an amendment to the City Charter, we believe the Office of Climate Change, Sustainability & Resiliency (CCSR) can play an important role in helping to secure the long-term economic and social well-being of our City and that of our working families.

As you know, Local 5 represents 11,000 hotel, health care and food service workers throughout Hawai'i – nearly 80% of our membership resides on the island of O'ahu.

Our hardworking members and the many other hard working families of this community are the foundation of our economy. But workers are just the foundation. Just as we, an organization of workers that come together every day to ensure good union jobs with decent wages and benefits remain in Hawaii; we as a community must be brought together to collectively plan and strategize for a future that will protect our most precious public assets.

Hawai'i can be an example to the rest of the world, and CCSR's role in getting us there is crucial.

In 2014, a historic agreement between the community and owners of the Turtle Bay Resort on the North Shore was successfully concluded. It took more than a decade and was the product of what is possible when communities adopt strategies that prioritize the interests of our working families. As you are well aware of, Local 5 played an instrumental role in helping to achieve that agreement, but our interest was not limited to just protecting our beaches and preserving undeveloped lands so that we can continue to draw millions of visitors to our island. Local 5 stood alongside and *with* the

community because this is our home. We too want our kids to enjoy the island's beautiful coastlines, pristine beaches, and experience Hawai'i as the vibrant, resilient place that it is.

In the short time that CCSR has been in existence their staff has done a good job of outreach and listening to the community. We have every confidence that they will continue to tap the wealth of community expertise and resources that must be engaged as they strive to implement a strategy of long-term sustainability for our community.

We look forward to continuing our engagement with CCSR particularly around strategies that acknowledge the intersection of value between this community supporting workers with livable wage jobs and the ongoing need to address the stewardship and protection of our environment.

We ask for your Committee's full support of the Office of Climate Change, Sustainability & Resiliency.

Thank you.

~~Speaker Registration/Testimony~~

Name	Kim Jorgensen
Phone	415-845-5495
Email	hawaiicondo@yahoo.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15 (2018)
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
	I strongly support Bill 15 (2018) that will continue to fund the Honolulu Office of Climate Change, Sustainability, and Resiliency with \$1,148,764.
Written Testimony	At the rate that climate change is taking place and its effect is seen all over the Earth, there is truly no time to waste and no expense too great.
	Please vote for and approve this bill.
Testimony Attachment	
Accept Terms and Agreement	1

~~Speaker Registration~~/Testimony

Name Denise Boisvert
 Phone 415-845-5495
 Email infofordenise@yahoo.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

The future is closer than we think!

Written Testimony Fully funding the Honolulu Office of Climate Change, Sustainability, and Resiliency with \$1,148,764 as requested in Bill 15 (2018) is crucial to pro-actively fight for the survival and habitability of the island of O'ahu. Please approve this bill for current and future generations of residents, tourists, and wildlife.

Testimony
 Attachment

Accept Terms and Agreement 1

~~Speaker Registration~~/Testimony

Name Virginia Van Kuran
 Phone 6509969648
 Email virginia@vankuran.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Virginia Van Kuran and I am a resident of Hawaii Kai. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

This is an investment in Hawaii's future. In the long term it will save Hawaii's government millions and protect our land and waters which sustain our people and economic viability.

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Anthony Chang
 Phone (808) 536-0783
 Email anthonybchang@live.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Anthony Chang and I am a resident of Chinatown. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony Attachment
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~~Speaker Registration~~/Testimony

Name Matt L
 Phone 8089490003
 Email mattcalling@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written
 Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Matt and I am a resident of Honolulu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. I cannot stress enough the need for this bill.

Mahalo for your ongoing support for this Office in Bill 15 (2018)."

Testimony
 Attachment
 Accept Terms
 and 1
 Agreement

Speaker Registration/Testimony

Name Jeanne Lindgren
 Phone 8085959009
 Email jmlmilkyway@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Jeanne Lindgren and I am a resident of Honolulu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018)."

Testimony Attachment

Accept Terms and Agreement 1

~~Speaker Registration~~/Testimony

Name Sarah Preble
Phone 808 988-7500
Email sarahhpreble@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha Chair Ozawa and Members of the Budget Committee:

My name is Sarah Preble and I am a resident of Kaneohe.

Written Testimony I strongly support this bill. Climate change should be priority for our state and funding for sustainability is essential for our island state.
(I drive an electric car and buy local whenever possible.)

Thank you.

Testimony Attachment

Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Gwen Geronimo
 Phone 8085513438
 Email gwengeronimo2008@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Gwen Geronimo and I am a resident of Salt Lake-Moanalua. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name	Amelia Larkin
Phone	8087830169
Email	ameliahjohn@yahoo.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	CCSR, which is a state funded organization on Oahu designated to preserve our Oahu environment. CCSR is funded by our tax dollars and finally we can help direct where our hard earned money goes. CCSR are the drivers to make Hawaii be a 100% renewable energy state before the rest of the country and world catches up. And they protect our environment at the state level. They are among Hawaii's best and brightest who want to do good.
Testimony Attachment	
Accept Terms and Agreement	1

~~Speaker Registration~~/Testimony

Name June Chee
 Phone 6263186313
 Email june.celica@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Aloha,

My name is June Chee, a resident of Honolulu (96815), and am submitting testimony in support of budget bill 15. I support the Honolulu Office of Climate Change, Sustainability, and Resiliency (CCSR) at its full budget request amount and believe that it will allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability and resilience movement.

Please pass this bill. Mahalo for your time and consideration.

June

Testimony Attachment

Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Rob James
 Phone 808-457-3164
 Email grjames@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Rob James and I am a resident of Koolau-poko. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name John Maurer
 Phone 808-372-0386
 Email john.from.stl@alumni.stanford.edu
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is John Maurer and I am a resident of Manoa. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony Attachment

Accept Terms and Agreement 1

Testimony in Strong Support of the Office of Climate Change, Sustainability, and
Resiliency budget

as proposed

Hearing date: 4.10.2018

Dear Chair Ozawa and Members of the Budget Committee of the City Council,

My name is Rachel James. I am a parent, a pet owner, a Project Manager for the State of Hawai'i and a student at the William S. Richardson School of Law at the University of Hawai'i at Manoa. I mention each of these identifiers because I believe that I, like each of you, am deeply committed to what is best for the City and County of Honolulu and the environment, because it is this precious island environment that makes our shared home so very special.

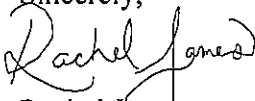
I am in **strong support** of the CCSR budget as proposed, because of this commitment and I am concerned by the budget cuts that some members of the City Council have proposed.

CCSR has proposed practical, critical projects in their first full year to honor the City's pledge to abide by the Paris climate agreement and make the City more efficient and save taxpayer funds in the long-term, including:

- \$200,000 for a City-wide energy audit to identify potential cost savings and emissions reduction across city properties.
- \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement and identify potential for emissions to be reduced across the island.
- \$75,000 to support the Coastal Land Data Program which is critical to identify where sea level rise will directly impact important City infrastructure.
- \$60,000 to provide matching funds the federal AmeriCorps VISTA grant. These funds will allow four full-time VISTAs to serve to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

I highlight these elements, because I am certain that it is challenging to make decisions now that may far outlast your terms in office. However, that is the necessary choice you now have before you. Climate change is happening now, and the decisions you make today will be directly responsible for how resilient this Honolulu can be. You **MUST** not neglect your responsibility to make prudent choices today to ensure that the office that your voters **OVERWHELMING** identified as necessary, the Office of Climate Change, Sustainability, and Resiliency, is provided the budget required to fulfill it's mission and purpose. Please pass the CCSR proposed budget. Thank you for your time and consideration.

Sincerely,


Rachel James

Zena N. Grecni
Voter, District 3
47-665 Melekula Rd.
Kaneohe, HI 96744
(808) 944-7242

April 9, 2018

Dear Councilmember Ozawa,

I write to express my strong support for fully funding the Office of Climate Change, Sustainability and Resiliency (CCSR) as a sound financial investment. I support the CCSR budget so that the Office can continue its important work, which will have a comparatively big impact on our State's infrastructure resilience.

A recent WalletHub study found that Hawaii residents get the lowest ROI on their taxes in the United States. The CCSR is a clear example already in place of how we can take advantage of private grant funds and leverage taxpayer dollars to get a better ROI. The Rockefeller Foundation through their 100 Resilient Cities Initiative is supporting Honolulu in becoming a leader in sustainability and resilience in the face of major climate change challenges. A relatively small investment from the City will continue to allow our community to access these financial benefits and technical capacity building from the Rockefeller Foundation.

With respect to the impacts of climate change and hazard mitigation, a small amount of funding now can avoid more costly damages later. Honolulu lags in updating key infrastructure to be climate resilient and hazard proof. The CCSR has proposed critical investments in projects that will be essential to avoiding the health and safety emergency situation that Puerto Rico now faces. Help the City prevent similar costly infrastructure failures by supporting forward-looking improvements needed now.

Please fully fund the Office of Climate Change, Sustainability, and Resiliency at their FY19 budget request, which is a small but key investment in our island home and quality of life.

Sincerely,



Zena N. Grecni



HAWAII

1003 Bishop St.
Pauahi Tower, Ste. 740
Honolulu, HI 96813
T: 808.524.8694
F: 808.524.8565
tpl.org

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Tom Reeve
Conservationist

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Michael Spalding Realty

Sharron Stanbro
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Carol Wilcox
Author

Race Randle
Howard Hughes Corp.

April 9, 2018

Councilmember Trevor Ozawa
Chair, Budget Committee
Honolulu City Council
Honolulu Hale, Room 203
Honolulu, HI 96813

**RE: Bill 15 – Executive Operating Budget and Program for FY19 – CCSR
Budget; The Trust for Public Land’s Strong Support for the Office of
Climate Change, Sustainability and Resiliency**

Dear Chair Ozawa:

On behalf of the Trust for Public Land, Hawai‘i, I am writing to express our strongest support for the Office of Climate Change, Sustainability and Resiliency (“CCSR”), which is performing work critically important to helping the City and County of Honolulu anticipate and prepare for changes to the environment around us which have already begun to impact roads, housing, watersheds, and coastlines.

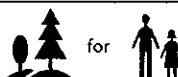
Despite its small size, CCSR staff have conducted substantial community outreach in their initial year of operations, actively soliciting citizen input. Through this process, CCSR has proposed undertaking projects that are both essential for the City’s adaptation to the changing environment, but at the same time practical and realistic such that these initial projects can be accomplished. These include \$200,000 for a City-wide energy audit to identify cost-savings and emission reductions; and \$150,000 for a Climate Action Plan to effectuate compliance with the Paris Agreement, further enhancing the City’s sustainability in the process.

In addition, and importantly, CCSR has targeted \$75,000 to support the Coastal Land Program to identify areas where sea level rise will impact City infrastructure. As much of the livelihood in Hawai‘i depends on coastal resources, whether in the form of recreational opportunities, sources of food, and locating accommodations for visitors, addressing the significant challenges presented by sea level rise is critical for preventing or at least minimizing detrimental impacts that we are already seeing on lower-elevation islands in the Pacific.

Thank you very much for your time and please do not hesitate to let me know of any questions. Because of prior commitments I will not be present at the hearing.

Sincerely,

Lea Hong
Hawaiian Islands State Director
The Trust for Public Land



~~Speaker Registration/Testimony~~

Name	Charu Lata
Phone	8087659755
Email	clata@hawaii.edu
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

~~Speaker Registration/Testimony~~

Name Lyle Herman
 Phone 808-545-4585
 Email drlyleherman@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15 (2018)
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Lyle Herman and I am a resident of Kaimuki. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony Attachment
 Accept Terms and Agreement 1

~~Speaker Registration/Testimony~~

Name Will Giese
 Phone 8082328371
 Email wgiese@hsea.org
 Meeting Date 04-10-2018
 Council/PH Committee Budget
 Agenda Item Bill 14
 Your position on the matter Support
 Representing Organization
 Organization Hawaii Solar Energy Association
 Do you wish to speak at the hearing? No

Aloha Chair Ozawa and members of the Budget Committee, my name is Will Giese and I am the executive Director of the Hawaii Solar Energy Association.

Written
Testimony

HSEA is in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement which includes provisions for the build out of renewable energy such as solar and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

HSEA is also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation especially if this infrastructure is powered by renewable sources like wind and solar. Supporting the Office at its full budget request galvanizes this legislative body to stand behind the OCCSR that it worked to so hard establish. This Office is doing critical work to protect O'ahu's environment and communities and to build out sustainable and resilient energy infrastructure. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
 Attachment
 Accept Terms
 and Agreement 1

~~Speaker Registration~~/Testimony

Name Jonathan Howery
 Phone 8083727118
 Email jlhowery@gmail.com
 Meeting Date 04-11-2018
 Council/PH Committee Budget
 Agenda Item Bill 15: Executed Operating Budget and Program for FY19 - CCSR Budget
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? No

Aloha Committee Members,

Thank you for reading my testimony here today. I strongly support the Office of Climate Change, Sustainability, and Resiliency.

The future of our society comes down to the simple things in life. Enjoying the lingering scent of flowers in the air. Feeling the warm waters of Hawaii wash over bare skin. Listening to the sounds of nature surround and envelop yourself, your parents, your children, your friends, and all those before who've experience this... yet unsure whether those to come will.

Written
Testimony

Sustainability, in its essence, is balance. A balance between our push for progress as a species, our connection to each other as a community, and ensuring that our environment stays clean and undamaged to provide us with everything we need to live full lives. The three legs of sustainability are people, planet, and profit. When one is valued higher...then the others fall.

For Hawaii to reach this balance, there needs to be implementation of policy, programs, and new bold ideas and people to push for a sustainable aina that we all can enjoy and be proud of what we have built. Implementation requires research and research requires money.

With all of this in mind, I hope that you too see the value that the office of Climate Change, Sustainability, and Resiliency brings. I support their mission and the budget for them to continue their work.

Mahalo for your time.

Testimony
 Attachment
 Accept Terms
 and Agreement

1

From: CLK Council Info
Sent: Monday, April 09, 2018 2:23 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name	D. Kwan
Phone	2617986
Email	dkwan@gwu.edu
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	Support for CCSR at its full budget request amount will allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability and resilience movement.
Testimony Attachment	
Accept Terms and Agreement	1

Date: April 9, 2018

To: Mr. Trevor Ozawa, Budget Committee Chair and members of the Budget Committee

From: Rosanna J. Costales, Event Director, Memoirs

RE: Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget

Dear Mr. Ozawa,

I am writing you to express my support for the above-mentioned Bill 15.

The Office of Climate Change, Sustainability and Resiliency otherwise known as CCSR and its staff continues to create policies that protect our home and Oahu's environment.

CCSR's part in sustaining Oahu's economy and protecting its environment must continue. Accomplishing goals such as these mentioned must be top priority and the funding behind its existence uninterrupted or stalled in any way.

I thank you for taking the time to read this letter of support for Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget.

Sincerely,
Rosanna J. Costales

From: CLK Council Info
Sent: Monday, April 09, 2018 2:38 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Regina Klem
Phone	8085517640
Email	rosterklem@gmail.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15 (2018)
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

Date: 9th April 2018
To: Budget Committee; ATTN: Trevor Ozawa, Chair
Fr: Brayden Yoder
Re: Bill 15 on Office of Climate Change, Sustainability and Resiliency

IN SUPPORT

Chair Ozawa & Committee Members:

As a concerned resident born & raised on O'ahu, I have grown increasingly dismayed with the rapid and seemingly unending high-rise development sweeping our island home. As a recent Lyft driver joked to me as we made our way into town, *"Didn't you know? Hawai'i's state bird is the crane."* This kind of expansion may be good in the short-term for some local industries, but it has a deleterious effect on our islands resources and long-term quality-of-life here in paradise. In my nearly forty years, I've seen Honolulu's traffic problem continue to worsen with seemingly no end in sight, while our state has begun to register consistently in the moderate-to-severe range of the U.S drought monitor. If we wish to entrust these islands to the next generation better than we found them, these troubling trends cannot be continued.

Thankfully, the city's Office of Climate Change, Sustainability and Resiliency (CCSR) is working for the long-term health of our city & county, and its residents. Established by a clear seventeen-percent margin in the 2016 election, this office enjoys a broad consensus of support and deserves to be funded accordingly. CCSR is working on policies to protect our beaches, and our environment, while spearheading the drive toward 100% renewable energy transportation, which is the bedrock of sustainability. Without these efforts, O'ahu's environment would continue to degrade, perhaps even to the point that *"Lucky we live Hawai'i"* becomes an ironic joke.

In its first full year, CCSR has proposed practical - and critical - projects to enable our city to honor its pledge to abide by the Paris climate agreement. I support each of these, to include:

- 1) a City-wide energy audit to identify potential cost savings and emissions reduction across city properties;
- 2) a Climate Action Plan that identifies potential for emissions to be reduced across the island;
- 3) the Coastal Land Data Program which is critical to identify where sea level rise will directly impact important City infrastructure; and
- 4) matching the federal AmeriCorps VISTA grant, which allows for four full-time VISTAs to serve to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

I am writing in strong support of CCSR's full budget request amount, which will fund these programs and help to maintain Honolulu as a leader in the sustainability movement. Private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership look to support cities like ours, which can set the tone for the rest of the nation. It falls to our elected representatives to demonstrate through our budgeting priorities that we will give more than lip service to this crucial challenge of the 21st century. Please support Bill 15 and the Office of Climate Change, Sustainability and Resiliency, so they can do the work of future generations today.

Thank you for the opportunity to submit this testimony.

Aloha pumehana,



Brayden Yoder

From: CLK Council Info
Sent: Monday, April 09, 2018 2:53 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Angela Posatiere
Phone 8082630273
Email angela@myartmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

“Aloha Chair Ozawa and members of the Budget Committee, My name is Angela Posatiere and I am a resident of Kailua, Oahu. I support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan’s proposed amendment to increase the Office’s budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O‘ahu’s environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).”

Testimony
Attachment

Accept Terms and
Agreement 1

April 9th, 2018

To the Budget Committee Chair
Trevor Ozawa and Members of
the Budget Committee:

This letter is in support of Bill 15: Executive Operating Budget and Program for FY19-CCSR Budget. The work done by the Office of Climate Change, Sustainability, and Resiliency is vital for a flourishing future. The quality of our environment by way of climate has a direct correlation to the strength of Hawai'i's economy. Citizens of Hawai'i heavily rely upon visitors that are drawn here for it's landscape.

CCSR funding will ensure Hawai'i is at the forefront of environmental preservation. With continued support, we will help show the rest of the world that Hawai'i cares about the environment and to all of its citizens that are willing to care for its survival.

Sincerely,



Thomas Lord
Office Manager

From: CLK Council Info
Sent: Monday, April 09, 2018 3:06 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Marcia J. Kemble
Phone 808-941-6453
Email mkemble@hawaii.rr.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha Chair Ozawa and members of the Budget Committee,

Written
Testimony

My name is Marcia Kemble and I am a resident of Makiki. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). In order for this new office to be effective, it needs to be adequately (i.e., fully) funded. In my opinion, climate change is the biggest challenge we face on local, national, and international levels, and we need to do everything we can to mitigate its effects and to make our future as sustainable as possible. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. In Hawaii we are particularly vulnerable because we are an island state, so we should be leaders in moving toward sustainability. Please support this office in Bill 15 (2018).

Testimony
Attachment

Accept Terms and Agreement 1

[Type text]

Victoria W. Keener
Voter, District 5
3526 Sierra Drive
Honolulu, HI 96816
(808) 779-1727

Dear Councilmember Ozawa,

I strongly support maintaining the current budget for the Office of Climate Change, Sustainability and Resiliency (CCSR), which was established by City Charter amendment in 2016 by a 17-point margin. As a voting citizen and as an appointed Commissioner on the City and County of Honolulu Climate Change Commission, I know that full funding for the CCSR is necessary to make meaningful steps in preparing the infrastructure and policies of the City for the full environmental and socioeconomic impacts from climate change.

The City of Honolulu has a unique opportunity to become a global leader in both adaptation and mitigation to climate change impacts: by readying the city for rising sea levels and shifting storm tracks, and contributing to the City and State's pledge to abide by the Paris climate accord. Continuing to support the CCSR, and by extension the citizens of Oahu, with the full budget request in this initial phase will allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership, and build a thriving program that is able to secure additional funding so it is *not* dependent on taxpayer resources in the future. However, a strong foundation is required to achieve that level of self-sufficiency, and hobbling the initiative before it truly begins is not in the citizens' or the city's best interest. The CCSR office is on the way to laying that strong foundation.

Through studying similar offices of sustainability in other U.S. cities to look at models of success and failure before committing to serve as a City Commissioner, a hallmark of successful initiatives was having a fully-funded staff. The City will be crippling its chances of successfully weathering climate disasters now and in the future by cutting funds to the CCSR.

The recent impact of Hurricane Maria in Puerto Rico is a clear example of why we need to support the CCSR to help make significant and targeted upgrades in key infrastructure and integrated planning. This relatively small investment now in a small group of passionate people may save the City from much more costly damages later. Please fully fund the Office of Climate Change, Sustainability, and Resiliency at their FY19 budget request.

Sincerely,

A handwritten signature in black ink, appearing to read 'Victoria W. Keener', with a stylized, flowing script.

Victoria W. Keener, PhD
Commissioner for the City and County of Honolulu Climate Change Commission

From: CLK Council Info
Sent: Tuesday, April 10, 2018 10:25 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Nanea Lo
Phone 8084543504
Email naneaclo@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Hello Chair Ozawa and members of the Budget Committee, My name is Nanea Lo and I am a resident of Kaimukī. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
Attachment

Accept Terms and
Agreement 1

From: CLK Council Info
Sent: Tuesday, April 10, 2018 10:19 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Aubrey Yee
Phone 808-216-8368
Email aubrey@pacific-contract.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item 1. Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Self
Organization NNGVYO
Do you wish to speak at the hearing? No

Written Testimony

I strongly support for the Office of Climate Change, Sustainability and Resiliency, which was established by City Charter amendment in 2016 by a 17-point margin of voting citizens. CCSR is small but is having outsized impact for O‘ahu, and is working to protect our coastal communities, public safety, and property in the face of a rapidly changing climate. We have no time to waste in addressing these critical issues for the future. Puerto Rico, Houston, and all the other disasters around the world are ample warning. We must address our State's current lack of resilience. We have been given an opportunity with CCSR to do so, please show the leadership our State needs and make sure this office has a full operating budget.

Testimony Attachment

Accept Terms and Agreement 1



April 11, 2018

Dear Budget Committee Chair Trevor Ozawa and members of the Budget Committee,

The Oahu Economic Development Board (OEDB) supports Bill 15 for the budget for CCSR.

One priority of the Oahu Economic Development Board is to facilitate progress on such infrastructure and planning issues that involve land, water, and permitting in order to move the state towards energy and food independence. This aligns with the work of CCSR.

OEDB supports sustainable practices such as renewable energy and the Aloha + Challenge. In order to have a healthy economy, our foundation must stem from a healthy place and healthy people. The wellbeing of our natural surroundings directly correlates with the basic needs of the people of Hawaii. It affects everything from our ability to have sustainable sources of food and water, clean air, and to perpetuate this place which is so beautiful.

When we look to the younger generations, we find that one of their greatest desires is to preserve and protect our environmental resources.

Akahai, grace, is to leave something/someplace/someone better than you found it. OEDB recognizes this responsibility to preserve our natural resources, which are worth cherishing for the current and future generations.

CCSR works on policies that will protect our environment and natural resources. Their efforts will help guide Hawaii to superior and necessary goals such as 100% renewable energy and transportation. CCSR cherishes and protects the hopes and dreams of the young and future generations of Hawaii, and serves as a role model for living Akahai. This message of being mindful of the people and place of the future needs to be stated here in Hawaii, and is joined by the many voices across the world who recognize its' importance.

Please feel free to contact me directly should you have any questions.

Sincerely,

Pono Shim
President and CEO
Oahu Economic Development Board



Dillingham Transportation Building
735 Bishop Street, Suite 424, Honolulu, Hawaii 96813 • 808-521-3611
Fax: 808-536-2281 • www.oedb.biz

From: CLK Council Info
Sent: Tuesday, April 10, 2018 9:55 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Ben Trevino
Phone 8082254725
Email bentut@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 - CCSR Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Dear Chair Ozawa and Members of the Budget Committee,

Thank you for the opportunity to testify. I am writing in my capacity as an individual and a resident of the Ala Moana area.

I want to voice my strong support for the Office of Climate Change, Sustainability, and Resiliency and their proposed budget. I believe their function is absolutely critical to the success of our municipal project. Moreover, they have the leadership, personnel, and structure to develop so many much needed and currently unaddressed initiatives with respect to their (and our collective) mission.

Written Testimony I have heard it said that what we lack in addressing the world's greatest problems is not financial resources, but coordinating resources. As council members, I think you know as well as anyone that we are certainly in short supply of funds, and that indeed we need more of both financial and coordinating resources. Of all the decisions you must make, the allocation of resources to the best value is among the most difficult. CCSR is a coordinating entity of the highest value, and through their vision and work, can improve all aspects of the city. Any investment we can make in their office now, will pay off in multiples. The line items they have proposed are a bootstrapping budget, a minimum viable product. If we can, through this process allow them to demonstrate the nature of what they do, I believe we can start to collect and direct more resources (not just they city's) towards these efforts.

Our coasts, our land, our water systems, our energy future, and the future of our residential communities are at the mercy of forces that we desperately need to understand and plan for.

I urge you to support the CCSR Budget as proposed.

Thanks again for the opportunity to testify. Respectfully,
Ben Trevino

Testimony

Attachment

Accept Terms and Agreement 1



To Budget Committee Chair Trevor Ozawa and members of the Budget Committee,

My name is John Leong, and I am the founder and CEO of Kupu, a nonprofit that empowers future generations to create a more sustainable, pono Hawai'i. I strongly support the proposed budget for the Office of Climate Change, Sustainability and Resiliency.

During my more than 10 years running Kupu, I am continually reminded of a fact that we, as people of Hawai'i, all know: Not only is it our kuleana to sustain the land, but also it is the land that sustains us. Kupu's work involves connecting young people with opportunities to help restore our 'aina, and I have seen countless numbers of these youths come alive by working the land. There have been young men and women who come to us lost, unsure of what to do with their lives; through becoming stewards of our environment and culture, they find purpose. There have been others who have come to us after they've been heading down a bad road; through restoring the land, they get back on track, and many find their future career pathways and finish educational goals.

I urge you to look at the existence of this office in the same way that we look at our work at Kupu: It's not just about preserving the land itself — it's about taking care of the people who live here.

It's key to remember that this office focuses on critical issues that our island state will face like sea-level rise, more severe and frequent storms, and ocean and shoreline degradation — issues that will undoubtedly impact every one of Hawai'i's residents, both now and in the future. Ensuring that the Office of Climate Change, Sustainability and Resiliency is sufficiently funded is not just about the future of the land, it's really about the future of the people who live here. This is not a trivial office, but rather one of great significance to our City. As the metropolitan hub of the most remote landmass in the world with limited natural resources, having an office that focuses on community resiliency is crucial for our state.

As a member of the steering committee, I see some of the work before us and realize how this office has the potential to not only positively shape Hawai'i's future, but it also can save lives. Honolulu will need to be able to respond to economic, environmental, and other threats. Being prepared and proactively capable to shape our economy and community in a way that we can rebound from any major stress or impact will undoubtedly preserve life.

This office will also pave the way for Honolulu to be a global leader in a changing world. Honolulu will need to face many issues that our world grapples with at a much faster pace due to our limited size and growing population. Cultivating workable systems that create solutions through this office will allow Honolulu to be a thought leader and provide our City with intellectual capital that others around the world can benefit from.

I highly encourage you to provide full support of this office's financial request.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Leong'. The signature is fluid and stylized, with a large initial 'J' and a long, sweeping horizontal line extending to the right.

John Leong
Kupu CEO

From: CLK Council Info
Sent: Tuesday, April 10, 2018 9:51 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Mariah Dailey
Phone 808.228.3638
Email Mariah@equushotel.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: executive operating budget and program FY 19- CCSR budget
Your position on the matter Support
Representing Organization
Organization The Equus Hotel
Do you wish to speak at the hearing? No

Aloha Chair Ozawa and members of the Budget Committee, My name is Mariah Dailey and I am a resident of Waialua and operator of The Equus Hotel in Waikiki. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018).

I am proud to live in a city that not only believes in climate change, but supports action and mitigation efforts through resiliency planning. Honolulu has the opportunity to lead by example: adopting lessons learned from Puerto Rico and the Virgin Islands while simultaneously generating potential solutions for other coastal visitor destinations. To abide by the Paris climate agreement, Honolulu has opted to set tangible goals in the signing of the Chicago Climate Charter. Additionally, taking part in 100 Resilient Cities offers both visitors and residents key assurances that Oahu is a safe place and is prepared to address potential shocks or stresses.

Written Testimony

As a family business operator in Waikiki, and resident of a coastal community it is in our best interest to achieve the goals we have determined are best for our city. In order to preserve our current way of life, we must commit generous resources to mitigate the threats that are upon us. Not only should we seek to preserve and protect, but to thrive in the transition by thinking holistically about why we choose to call O'ahu home, and what it will take to continue doing so.

Mahalo for your time and service,

Mariah Dailey

From: CLK Council Info
Sent: Monday, April 09, 2018 3:29 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name STEVEN BUSINGER
Phone 8084297251
Email businger@hawaii.edu
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony The newly operating Office of Climate Change, Sustainability and Resiliency provides the integrative forward planning effort that I have always hoped and assumed would be part of any responsible government's efforts, and one that I believe to be particularly essential for a location as potentially exposed to as many environmental and societal stressing factors as we are here in Hawaii. I implore you to support the CCSR budget to ensure that this essential effort can continue and fulfill its mandate.

Testimony Attachment

Accept Terms and Agreement 1

From: CLK Council Info
Sent: Monday, April 09, 2018 3:39 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Severine Busquet
Phone 8082039696
Email severine.busquet@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Hi,
My name is Severine Busquet and I am a resident of Oahu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Thanks for your attention.
Severine Busquet
Hawaii Kai

Testimony
Attachment

From: CLK Council Info
Sent: Monday, April 09, 2018 3:52 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Bryan Choe
Phone	808-428-5693
Email	bryan.choe88@gmail.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

From: CLK Council Info
Sent: Monday, April 09, 2018 4:02 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Carl Estenik
Phone 573-855-2115
Email carlestenik2016@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Carl Estenik and I am a resident of Kailua. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018)."

Mahalo for your kōkua and support!

Aloha,
Carl Estenik
CPT (Ret.), USA

10 Apr, 2018

Brad Punu
2419 Ferdinand Ave.
Honolulu, HI 96822
808-384-1806
bradpunu@gmail.com

To Budget Committee Chair Trevor Ozawa and members of the Budget Committee,

I am writing as an individual who is concerned about climate change and our city's resiliency, testifying in strong support of Bill 15. The Office of Climate Change, Sustainability and Resiliency (CCSR) has proposed practical projects that are important and need support. The city-wide energy audit will help us understand our energy footprint as we move to 100% renewable energy. Better understanding will lead to better decisions, cost-savings and improved health. The proposed Climate Action Plan is also important because we need to clearly lay out where we are going. Both of these honor our commitment to the Paris climate agreement and help us take advantage of private grant funds like the Rockefeller Foundation/100 Resilient Cities Partnership.

While I know there are a lot of competing priorities in the budget process, the CCSR budget is modest in respect to the mission it is trying to accomplish and represents really great value for citizens per dollar spent. It has been shown that money spent on resilience saves money in the long term and keeps us safer. The office is also aligned with supporting our most precious assets, clean ocean, clean air and beautiful, healthy land – the foundation on which our economy is built. In this era where our federal leadership in resilience is lacking, it is up to local governments to step up and lead because while we tend to see climate change, sustainability and resiliency as big global issues, on an island in the middle of the Pacific they are intimately local.

Sincerely,

Brad Punu

Brad Punu

From: CLK Council Info
Sent: Tuesday, April 10, 2018 9:07 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Jacob Meyer
Phone 8082584749
Email jacobmey@live.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Jacob and I am a resident of Honolulu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
Attachment

Accept Terms and
Agreement 1

From: CLK Council Info
Sent: Tuesday, April 10, 2018 9:03 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Kathleen Lee
Phone 4083154569
Email write.to.kathleenlee@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha Chair Ozawa and members of the Budget Committee -

Written
Testimony

I support the Office of Climate Change, Sustainability and Resiliency (CCSR) budget as proposed, which represents a minimum, baseline amount required for a mission and purpose as important as the one required of this Office. Support for CCSR at its full budget request amount will allow the City and County of Honolulu to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability and resilience movement.

Mahalo for your time and consideration.

Kathleen Lee

Testimony
Attachment
Accept Terms
and Agreement

1

From: CLK Council Info
Sent: Tuesday, April 10, 2018 9:02 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Amber Bixel
Phone	8088437654
Email	amber@coralstarr.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter	Support
Representing	Self
Organization	Bishop Museum
Do you wish to speak at the hearing?	No
Written Testimony	I fully support preserving our Oahu environment and only hope that the budgetary meeting will do so as well.
Testimony Attachment	
Accept Terms and Agreement	1

From: CLK Council Info
Sent: Tuesday, April 10, 2018 8:46 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Ian Tierney
Phone 8089497770
Email ianptierney@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Organization
Organization KYA Design Group
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Ian Tierney and I am a resident of Honolulu, and work at KYA Design Group, a local architecture firm with strong environmental values. Both KYA Design Group and I are in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). We believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. We are also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
Attachment



HONOLULU CITY COUNCIL COMMITTEE ON BUDGET

April 11, 2018, 9:00 A.M.

**TESTIMONY IN SUPPORT OF BILL 15 (2018)
EXECUTIVE OPERATING BUDGET AND PROGRAM FOR FY2019**

Aloha Chair Ozawa and members of the Budget Committee:

Blue Planet Foundation **supports** Bill 15 (2018) as it pertains to the funding for the Office of Climate Change, Sustainability and Resiliency (OCCSR). We strongly support the full funding of the OCCSR to enable the Office to continue its effective and critical work in accelerating our island's clean energy progress while building community resiliency. This funding will also allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership and maintain its many partnerships with groups such as ours.

Blue Planet Foundation is a local nonprofit organization whose mission is to clear the path for 100% clean energy in Hawaii and beyond. Through collaboration and advocacy, Blue Planet champions scalable policies and programs to transform Hawaii's energy systems to clean, renewable energy solutions.

The OCCSR has had an impressive first year of service for the City. The team in that office has been going above and beyond in meeting with communities, building capacity, aligning initiatives across City departments, and building effective plans to reduce our contribution to climate change and strengthen our island against increasing threats.

The OCCSR has proposed practical, critical projects in their first full year to honor the City's pledge to abide by the Paris climate agreement and make the City more efficient while saving taxpayer funds in the long-term, including:

- \$200,000 for a City-wide energy audit to identify potential cost savings and emissions reduction across city properties.
- \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement and identify potential for emissions to be reduced across the island.
- \$75,000 to support the Coastal Land Data Program which is critical to identify where sea level rise will directly impact important City infrastructure.
- \$60,000 to provide matching funds the federal AmeriCorps VISTA grant. These funds will allow four full-time VISTAs to serve to advance City goals for water and energy

efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

Blue Planet Foundation has had the opportunity to collaborate with the OCCSR and on number of occasions, including the Climate Action Plan development workshops last November and a workshop with public and private fleets last month to identify barriers to transitioning to cleaner vehicles. We were impressed with the professionalism, dedication, and outcome-orientation of the OCCSR team members and the partners that they brought to participate. With a dedicated City office to these critical issues, we can move quickly to achieve our critical clean energy and climate goals.

The foundation of a strong economy on Oahu is a strong environment, which draws millions of visitors who are increasingly demanding sustainable practices as part of their destination selection. The OCCSR is working on policies to protect our beaches, our environment, and drive toward 100% renewable energy and renewable transportation to keep Hawaii in a leading position.

Resilience work has a high cost-benefit ratio for local governments. For every \$1 spent on resilience and hazard mitigation, approximately \$6 in damage can be avoided when a natural disaster, such as a hurricane, impacts a community.

Blue Planet Foundation looks forward to continued collaboration with the OCCSR on achieving the island's—and state's—critical clean energy and resiliency goals.

Please support this innovative office with the full funding provided in Bill 15.

Thank you for the opportunity to testify.



735 Bishop Street, Suite 424
Honolulu, Hawai'i 96813
www.hawaiigreengrowth.org

Hawai'i Green Growth is a public-private partnership that catalyzes action across government, private sector and civil society to achieve Hawai'i's Aloha+ Challenge 2030 sustainability goals and serve as a model for integrated green growth

Testimony of Hawai'i Green Growth

Board of Directors

Piia Aarma

Pineapple Tweed Public
Relations & Marketing

William J. Aila Jr.

Department of
Hawaiian Homelands

Kā'eo Duarte

Kamehameha Schools

Amanda Ellis

ASU Julie Ann Wrigley
Global Institute of
Sustainability

Scott Enright

Department of Agriculture

Matthew Kamakani Lynch

University of Hawai'i

June Matsumoto

Pacific Islands Institute

Rai Saint Chu

Turbin Chu Heidt Attorneys

Scott Seu

Hawaiian Electric Company

Pono Shim

O'ahu Economic
Development Board

Deanna Spooner

U.S. Fish & Wildlife Service

'Aulani Wilhelm

Conservation International

Ulatia Woodside

The Nature Conservancy

In Support of the Office of Climate Change, Sustainability, and Resiliency Bill 15 Relating to the Executive Operating Budget and Program

Honolulu City Council
Special Budget Committee Meeting
11 April 2018, 9:00am
Honolulu Hale

Aloha Chair Ozawa, Vice Chair Kobayashi, and Committee Members:

Hawai'i Green Growth (HGG) strongly supports the charter mandated Office of Climate Change, Sustainability, and Resiliency (CCSR) proposed budget outlined in the Executive Operating Budget and Program for FY 2019 (Bill 15).

The devastation that Hurricane Maria caused in Puerto Rico in September 2017 is a stark reminder of how vulnerable Honolulu is to natural disasters such as hurricanes and floods, especially as climate change causes weather patterns to shift and the sea level to rise. A category 4 hurricane hitting Waikīkī would cause an estimated \$30 billion of direct economic losses, not counting the loss of jobs, tax revenue, and tourism. CCSR provides the City and County of Honolulu with the critical capacity to develop and coordinate policies, programs, and actions on climate change and community resilience. Investment in resiliency is critical to protect future economic losses; every \$1 spent on resilience and hazard mitigation prevents approximately \$6 in damages from future climate change-intensified natural disasters.

The City has already received international recognition for leadership on sustainability and resilience, led by the CCSR. The City's commitment on the Aloha+ Challenge, Hawai'i's statewide framework for localized implementation of the United Nations 2030 Sustainable Development Goals, the Paris Climate Agreement, and the 100% Clean Transportation Commitment for 2045 have attracted international attention and investment. Support for CCSR at its full budget request amount allows the City to continue to leverage private grant funds such as the Rockefeller Foundation's 100 Resilient Cities partnership to implement these ambitious and critical targets.

As a public-private partnership, HGG strongly supports the CCSR budget as proposed to ensure that the new Office has the necessary capacity to effectively oversee interdepartmental coordination, community and stakeholder engagement, research and strategy development, and implementation to meet the long-term needs of the City and County of Honolulu. This will be critical to helping the CCSR implement the important mission mandated by Honolulu citizens with practical programs and projects.

Hawai'i Green Growth appreciates the opportunity to provide testimony in support of the Office of Climate Change, Sustainability, and Resiliency in the FY19 Budget (Bill 15).



**O'ahu
Chapter**

Surfrider Foundation O'ahu Chapter

Web: oahu.surfrider.org

Contact: rbergstrom@surfrider.org

Mail: P.O. BOX 283092 Honolulu, HI, 96828

Meeting Date: 04-11-2018

Council/Committee: Budget

Agenda Item: Bill 15 (2018)

Your Position: Support

Aloha Chair Ozawa and Members of the Budget Committee,

On behalf of the Surfrider Foundation Oahu Chapter I am writing in strong support of the proposed budget expenditures for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). As an organization that is dedicated to the protection of our ocean and beaches, we were fundamentally supportive of the office coming to fruition as part of our Charter Commission. Our community is under threat from the looming impacts of climate change and we are already beginning to see the pervasive effects of sea level rise as our roads and infrastructure begin to crumble into the ocean during the high tides and large wave events. It could be argued that this office and the policy, plans, and directives that come out of it, are the most important that we have for the future health, safety, and prosperity of our island. In addition to the direct impacts of lost coastal zones, one of the largest treasures in Hawaii for both residents and visitors, the impacts upstream will also begin to mount – waste water from failing infrastructure will further contaminate both ocean and drinking water, our agriculture land will go through shifts of rainfall regime, and we continue to be plagued by issues of sustainability like plastic pollution. This office moves beyond just reactionary policy to climate change, but also seeks to create sustainable principles for a city that should lead the world in innovation and climate mitigation technology. As an island State we have a responsibility to be focused on these issues and move towards a place where resiliency means self-sufficiency.

I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of



**O'ahu
Chapter**

Surfrider Foundation O'ahu Chapter

Web: oahu.surfrider.org

Contact: rbergstrom@surfrider.org

Mail: P.O. BOX 283092 Honolulu, HI, 96828

Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement.

Mahalo for taking the time to consider this. Surfrider looks forward to a continuing movement from our council to bring Oahu into an era of sustainability and thriving island community.

Aloha,

Rafael Bergstrom

Oahu Chapter Coordinator, Surfrider Foundation

Frederick Reppun
Voter, District 3
47-665 Melekula Rd.
Kaneohe, HI 96744
(808) 779-9411

April 9, 2018


Dear Councilmember Ozawa,

I write to express my strong support for fully funding the Office of Climate Change, Sustainability and Resiliency (CCSR) as a sound financial investment. O'ahu voters understand the economic importance of investing in climate resilience, and voted by a 17-point margin to establish CCSR in 2016. Voters have seen with the example of Puerto Rico that a relatively small amount of funding now is necessary to avoid economically crippling damages later. Further, CCSR has brought in private grant funds such as from the Rockefeller Foundation/100 Resilient Cities program to amplify its impact and position Honolulu as a leader in sustainability and resilience.

As a resident of Windward O'ahu, I would like to see the City Council take seriously the threats that climate change poses to our coastal infrastructure, wastewater treatment systems, agricultural livelihoods, and ocean resources. I will vote based on candidates' records on this issue, and will raise awareness of this issue in my home community, and in Wai'anae where I work as an educator.

Please fully fund the Office of Climate Change, Sustainability, and Resiliency at their FY19 budget request, which is a small but key investment in our economic future and island home.

Sincerely,

A handwritten signature in black ink that reads "Frederick Reppun". The script is cursive and fluid, with the first name and last name clearly distinguishable.

Frederick Reppun

From: CLK Council Info
Sent: Monday, April 09, 2018 4:30 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Rose Aranita
Phone 8083860718
Email rra8665@yahoo.com
Meeting Date 04-11-2018
Council/PH Committee Council
Agenda Item Climate change Committee
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I fully support staffing to implement policies relating to climate change. Specific action to reach the state's goal of energy sustainability and protection of our natural resources should be facilitated at each level of our government in order to be effective.

Testimony
Attachment

Accept Terms and Agreement 1

April 10, 2018

Council Member Trevor Ozawa
Chair, Council Budget Committee

City and County of Honolulu
Honolulu City Council
530 S. King Street
Honolulu, Hawaii 96813

Re: Bill 15 (2018)

Aloha Chair Ozawa and members of the Budget Committee,

My name is Melanie Islam and I am a resident of Manoa. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). We believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

Supporting the Office at its full budget request will allow the City to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change.

Mahalo for your ongoing support for this Office in Bill 15 (2018).

Melanie Islam

Digitally signed by Melanie Islam
DN: cn=US
E=melanie@masonarch.com, o=Mason
Architects, cn=Melanie Islam
Date: 2018.04.09 16:25:39-10'00'

Melanie Islam, AIA, NCARB, LEED AP BD+C

From: CLK Council Info
Sent: Monday, April 09, 2018 4:34 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name charles reppun
Phone 8082396123
Email leereppun@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item budget bill 15
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

· As a long-time farmer, and life long resident of Kahaluu and Waiahole, I am seeing/experiencing the effects of climate change. This issue has an impact on all parts of the City's infrastructure and therefore the whole budget

I strongly support the Office of Climate Change, Sustainability and Resiliency, which was established by City Charter amendment in 2016 by a 17-point margin of voting citizens.

CCSR is small but is having outsized impact for O'ahu, and is working to protect our coastal communities, public safety, and property in the face of a rapidly changing climate.

Written Testimony Support for CCSR at its full budget request amount will allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability and resilience movement.

CCSR has proposed practical, critical projects in their first full year to honor the City's pledge to abide by the Paris climate agreement and make the City more efficient and save taxpayer funds in the long-term

Resilience work has a high cost-benefit ratio for local governments. For every \$1 spent on resilience and hazard mitigation, approximately \$6 in damage can be avoided when a natural disaster, such as a hurricane, impacts a community.

The CCSR Commission is extremely competent and totally understand that climate change is the most important issue on Hawaii's and the world's agenda.

Testimony

Attachment

Accept Terms and Agreement 1

From: CLK Council Info
Sent: Monday, April 09, 2018 6:36 PM
To: Otto, Pearlene
Cc: Administrator@heea.org; Nago, Darcie
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Michelle Gorham
Phone 8087291676
Email Administrator@heea.org
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Agenda Item: Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Organization
Organization Hawaii Environmental Education Alliance
Do you wish to speak at the hearing? No

Aloha Honorable Council Members, Budget Committee Chair Trevor Ozawa and members of the Budget Committee

CCSR is a small but effective office. The CCSR efforts working to protect our coastal communities, public safety, and property in the face of a rapidly changing climate are valuable in securing financial and other resources for the broader community.

Written
Testimony

The team has been responsive and supportive of our efforts to build environmental literacy for Hawaii's teachers and youth. For example, due in part to the support of the CCSR office, the Hawaii Environmental Education Alliance advanced to the final round of funding for the National Oceanic and Atmospheric Administration "Building the Environmental Literacy of K-12 Students and the Public for Community Resilience" where we hope to bring home nearly half a million dollars to grow environmental literacy for teacher and student resiliency education and action. County leadership through the CCSR was a critical key to our success and a grant requirement.

We support the proposed budget for this office and look forward to many continued years of partnership.

Mahalo,
Michelle Gorham
Interim Executive Director, HEEA

Name: Dr. Allen L. Clark

Phone: 808-352-3371

pashaCeylon@hotmail.com

Date: April 11, 2018

Committee: Budget

Agenda Item: Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget

Position: **Support**

Representing : Self

Speaking: No

As a practicing disaster management specialist for over 40 years (US Geological Survey, Pacific Disaster Center and University of Hawaii (as an adjunct professor). I have extensive experience in working on natural disaster worldwide, throughout the Pacific Islands and in Hawaii. I am testifying today because of my concern for continued and increased funding for the Office of Climate Change, Sustainability and Resiliency (CCSR) which is vital for the protection of the citizens of the Hawaiian Islands but also for all the peoples of the Pacific Island Nations.

Hawaii's experience from the devastating Hilo Tsunami of 1946, through Hurricane Iniki 1992, to the ongoing Pu'u 'O'o eruption is that natural disasters are always present and historically that we have been poorly prepared for such events in the past, often with tragic consequences. Similar disasters will occur again but, because we are much better prepared, the impacts and the loss of life have been declining. Support of program and activities of the CCSR are critical to the increased sustainability and resilience of Hawaii.

What we are now faced are the almost certain impacts of climate change (CC) which, unlike most natural disasters, are less sudden but in the longer term have larger and a much broader impacts. Most importantly the impacts associated with CC are unlike conventional disasters, for which recovery is possible within a relatively short period of years, for those associated with CC it is certain that they will take decades for recovery.

It is imperative that Hawaii continue and expand its support and efforts to "climate proof" its citizens, cities and associated infrastructure against the future impacts of CC through support of the Office of Climate Change, Sustainability and Resiliency (CCSR).

It should also be recognized that the efforts of the CSSR in Hawaii are in large part directly transferable to increasing the climate change resilience and sustainability of all pacific island nations. It is truly not about "US" but about "All of US". I know of no other program in the Pacific that has as much "value added" as the investment of the State of Hawaii's in the Office of Climate Change, Sustainability and Resiliency.

From: CLK Council Info
Sent: Monday, April 09, 2018 5:55 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Rethwik Gona
Phone	8083561235
Email	rgona@ssfm.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

From: CLK Council Info
Sent: Monday, April 09, 2018 5:00 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Kristine Sato
Phone 8083923935
Email kristine.m.duong@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony

I support the CCSR budget as proposed, which represents a minimum, baseline amount required for a mission and purpose as important as the one tasked to this Office. CCSR is small but is having outsized impact for O'ahu, and is working to protect our coastal communities, public safety, and property in the face of a rapidly changing climate. Resilience work has a high cost-benefit ratio for local governments. For every \$1 spent on resilience and hazard mitigation, approximately \$6 in damage can be avoided when a natural disaster, such as a hurricane, impacts a community.

Testimony Attachment

Accept Terms and Agreement 1

From: CLK Council Info
Sent: Monday, April 09, 2018 4:46 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Nathan Kern-Ruesink
Phone 8433644962
Email nathan.kernruesink@hotmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 - EXECUTIVE OPERATING BUDGET AND PROGRAM FOR FY 2019
Your position on the matter Comment
Representing Self
Organization
Do you wish to speak at the hearing? No

I strongly support for the Office of Climate Change, Sustainability and Resiliency, which was established by City Charter amendment in 2016 by a 17-point margin of voting citizens. I support the CCSR budget as proposed, which represents a minimum, baseline amount required for a mission and purpose as important as the one tasked to this Office. CCSR has proposed practical, critical projects in their first full year to honor the City's pledge to abide by the Paris climate agreement and make the City more efficient and save taxpayer funds in the long-term, including:

o \$200,000 for a City-wide energy audit to identify potential cost savings and emissions reduction across city properties.

Written Testimony

o \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement and identify potential for emissions to be reduced across the island.

o \$75,000 to support the Coastal Land Data Program which is critical to identify where sea level rise will directly impact important City infrastructure.

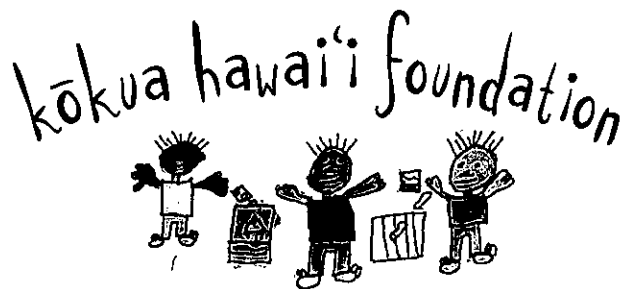
o \$60,000 to provide matching funds the federal AmeriCorps VISTA grant. These funds will allow four full-time VISTAs to serve to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

These projects, will directly impact the future spending and revenue for years to come. With Hawaii's natural beauty being a large draw for tourism, preservation of it is

paramount. Funding the CCSR budget fully will not only save future funds, but better prepare to maintain our sustainable coastlines.

Testimony
Attachment
Accept Terms
and Agreement

1



TESTIMONY IN SUPPORT OF BILL 15 (2018)
April 11, 2018
Budget Committee

Aloha Chair Ozawa and Budget Committee Members,

My name is Natalie McKinney, and I am Executive Director of the Kōkua Hawai'i Foundation, a non-profit organization founded in 2003 to support environmental education in the schools and communities of Hawai'i. Our mission is to provide students with experiences that will enhance their appreciation for and understanding of their environment so they will be lifelong stewards of the earth.

I am writing in strong support of Bill 15 (2018), providing full funding for the Honolulu Office of Climate Change, Sustainability, and Resiliency (CCSR). The CCSR is doing critical work to protect our beaches, our environment, and drive toward 100% renewable energy and renewable transportation. All of these are important to our island's--and state's--wellbeing, health, and economy.

In our work with Hawai'i's youth, we teach and empower them to be mindful of their energy use, to reduce and recycle waste, to grow their own food, to think outside the box, to be active in their communities in the face of climate change. They are talented, imaginative, and highly motivated to create a more sustainable and resilient future for Hawai'i. Those of us who are in power now need to take on this kuleana as well. Prioritizing and supporting the CCSR's work shows Hawai'i's keiki that their future matters and that we, as role models for the next generation, are willing to invest in that future.

Supporting CCSR at its full budget request amount will also allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability and resilience movement. Additionally, for every \$1 spent on resilience and hazard mitigation, approximately \$6 in damage can be avoided when a natural disaster, such as a hurricane, impacts a community.

We are also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation.

Please support a healthy future for Hawai'i by approving the proposed budget amount for this voter-mandated office. Thank you for your consideration.

Aloha,

Natalie McKinney,
Executive Director

www.kokuahawaiiifoundation.org

P.O. Box 866, Hale'iwa, HI 96712 • Tel: (808) 638-5145 • Fax: (808) 638-0757 • info@kokuahawaiiifoundation.org

The Kōkua Hawai'i Foundation is a 501(c)(3) non-profit organization that supports environmental education in the schools and communities of Hawai'i.

From: CLK Council Info
Sent: Monday, April 09, 2018 6:44 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Miki Wallace
Phone 4086611670
Email mikibasket@yahoo.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha, my name is Miki Wallace and I am a homeowner in Honolulu. I invested in home ownership in this beautiful island because I treasure spending time on trails hiking, yoga on the beach, sailing at sunsets and surf sessions with sea turtles.

It's imperative that we invest in the Aina to keep it healthy and alive for our keiki.

Written Testimony Chair Ozawa and members of the Budget Committee, I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office.

I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
Attachment
Accept Terms and Agreement 1

From: CLK Council Info
Sent: Monday, April 09, 2018 7:50 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Alyssa Miller
Phone 808 228 0027
Email alyssa@hawaii.edu
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Chair Ozawa and members of the Budget Committee: My name is Alyssa Miller and I am a resident of Niu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018)

Testimony
Attachment

Accept Terms and Agreement 1

From: CLK Council Info
Sent: Monday, April 09, 2018 8:43 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Nicole Chatterson
Phone	8085617730
Email	Nikki2244@gmail.com
Meeting Date	04-11-2017
Council/PH Committee	Budget
Agenda Item	Bill 15
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

From: CLK Council Info
Sent: Monday, April 09, 2018 9:20 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Alan Ho
Phone 679-9548
Email alangyho@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I strongly support the CCSR budget as proposed because they have proposed and identified critical projects to honor the City's pledge to abide by the Paris climate agreement. Of these projects, I believe the Climate Action Plan is especially important because their goal is to help reduce emissions across the island. The City-wide energy audit is also important and ties together with the Climate Action Plan to further reduce emissions across the island.

Testimony Attachment

Accept Terms and Agreement 1

April 9, 2018

To: Budget Chair Councilmember Trevor Ozawa

RE: Testimony in support of the proposed budget for the City and County of Honolulu Office of Climate Change, Sustainability and Resiliency

Aloha Councilmember Trevor Ozawa,

My name is Jordan Ozaki and I am a resident of Honolulu, district 6. I am writing to express my support for the CCSR budget as proposed. The CCSR is a small, but impactful office, working to protect our beautiful island home.

Climate change is the most important issue of our time, and sadly, we have a president who does not care. Now, more than ever, it is important to integrate sustainability and environmental values into our city. The mayor took the first step by pledging to abide by the Paris climate agreement. The CCSR should be given the resources to implement critical projects and carry out that commitment. Activities such as conducting an energy audit will identify areas of inefficiency, and will ultimately save taxpayers money in the long run.

Visitors to Hawaii are demanding sustainable practices as part of their destination selection, and Oahu, as the core of the economic activity, must respond and closely monitor our precious coastal areas and beaches.

I am confident that the CCSR office will use their budget to maximize the impact of each dollar, and that investing in the office will have a long term positive effect on our state.

Mahalo,

A handwritten signature in black ink that reads "Jordan Ozaki". The signature is written in a cursive, flowing style.

Jordan Ozaki
Honolulu, Hawaii

From: CLK Council Info
Sent: Monday, April 09, 2018 9:42 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Jediah Grace Arellano
Phone 8083864956
Email jediaharellano16@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Organization
Organization Sierra Club of Hawai'i (Oahu Group)
Do you wish to speak at the hearing? No

Written
Testimony

“Aloha Chair Ozawa and members of the Budget Committee, My name is Jediah Grace Arellano and I am a resident of Honolulu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan’s proposed amendment to increase the Office’s budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O‘ahu’s environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).”

Testimony
Attachment
Accept Terms
and Agreement

1

From: CLK Council Info
Sent: Monday, April 09, 2018 9:49 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Kathy Shimata
Phone 8089882540
Email kshimata@hawaiiantel.net
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter. Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony

Aloha Chair Ozawa and members of the Budget Committee,
My name is Kathy Shimata and I am a resident of Honolulu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. . Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018)."

Testimony
Attachment
Accept Terms and Agreement 1

From: CLK Council Info
Sent: Monday, April 09, 2018 10:06 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Nadia Fale
Phone	8084260796
Email	nmfale@gmail.com
Meeting Date	04-11-2018
Council/PH Committee	Budget
Agenda Item	Bill 15 (2018)
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	I support this bill because I support a sustainable future for Hawaii. Sustainability is everyone's responsibility and I hope that the people of Hawaii are ready to take their fair share of that responsibility.
Testimony Attachment	
Accept Terms and Agreement	1

From: CLK Council Info
Sent: Monday, April 09, 2018 10:08 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Sam Wolff
Phone 8087290335
Email sbwolff@hawaii.edu
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

I am in strong support of the Office of Climate Change, Sustainability and Resiliency, and believe whole-heartedly in the mission it is trying to accomplish. Climate change is a serious and inevitable threat to our island and efforts must begin today in order to secure it for generations to come.

Written Testimony Oahu is dependent on tourism dollars and is in essence the export of Hawaii. We export natural beauty to millions of visitors a year. But when the reefs are all dead, the water is too polluted, the beaches have been devoured by tides, and invasive species have taken over the island; we cannot export our natural beauty anymore.

If not for the sake of malama aina itself, for the economy too.

- Sam Wolff

Testimony
Attachment

Accept Terms and Agreement 1

From: CLK Council Info
Sent: Monday, April 09, 2018 10:21 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Louis Concato
Phone 2033761068
Email louis.concato@carbonlighthouse.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Louis Concato and I am a resident of Oahu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
Attachment
Accept Terms
and Agreement

1

**Committee on Budget
Special Meeting
Committee Meeting Room
Wednesday, April 11, 2018
9:00 AM**

To: Budget Committee Chair Trevor Ozawa and members of the Budget Committee
From: Claire Sullivan
Re: Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Position: In Support

Dear Chair Ozawa and Committee Members:

My name is Claire Sullivan and I am writing in strong support for the Office of Climate Change, Sustainability and Resiliency (CCSR) and its proposed FY19 budget. The budget as proposed reflects the minimum resources required for CCSR to fulfill its mission, which was supported by a significant majority of our citizenry when we voted in 2016 in favor of amending the City Charter to establish the Office.

Having worked in food production, distribution and retailing for the past 12 years, I am acutely aware of the disruptive impacts that climate change increasingly poses to our island community's food security and broader wellbeing. Without significant action to improve our preparedness and resiliency, both local food production and the distribution of vital imported food resources will be ever more threatened by the hazards of climate change. The food system is but one of many areas where we face substantial economic liabilities and communal exposure unless we take swift and decisive action to understand, minimize and mitigate the impact of climate change.

CCSR was established to strategically assess and address these challenges on behalf of our community and has proposed important projects to do so in FY19, their first full year in action. Sufficient funding is necessary for CCSR to pursue this work and successfully fulfill its mandate; it will also allow the City to leverage additional private funding sources to make our community safer.

Thank you for considering this testimony in support of the proposed CCSR budget.

Claire Sullivan



April 10, 2018

Aloha Chair Ozawa and members of the Honolulu City Council Budget Committee,

My name is Wai Lee, Executive Director of Smart Trees Pacific. I am writing to express our **strong support** for the Office of Climate Change, Sustainability and Resiliency (CCSR) budget as was proposed in Bill 15 (2018).

The specifics of the budget will allow for meeting the voter mandated expectations for the office.

Smart Trees Pacific is a non-profit urban forestry organization serving Hawaii & the Pacific Region. We recognize that Hawaii's tropical urban trees are a vital resource and we work to raise awareness and support for our urban forests. With over 40 years of collective experience that demonstrates our knowledge and skills in Urban Forestry, we are the leaders in developing sustainable and healthy community forests. CCSR is an important partner in this work and brings critical capacity in both outreach and education, as well as, the policies and implementation to achieve the multiple urban forestry commitments made by both the administration and the City Council.

We recognize the importance of urban forestry with respect to both climate change mitigation and adaptation to climate change's impacts, while also supporting the kinds of social interactions that will keep our communities connected to overcome resilience stresses. The staff capacity and additional budgeted projects are necessary to continue to partner on this and other fronts.

- \$200,000 for a City-wide energy audit to identify potential cost savings and emissions reduction across city properties.
- \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement and identify potential for emissions to be reduced across the island.
- \$75,000 to support the Coastal Land Data Program which is critical to identify where sea level rise will directly impact important City infrastructure.
- \$60,000 to provide matching funds the federal AmeriCorps VISTA grant. These funds will allow four full-time VISTAs to serve to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

As an organization that maintains great working relationships with city agencies (e.g., DPR DUF, DFM SWQB, and CCSR) and that depends on and celebrates community volunteers, the above items would continue the City Council's support of such cross-sector partnerships.

Thank you for the opportunity to express **strong support** for CCSR's budget and thank you for your leadership on this matter.

Sincerely,
Wai Lee
Executive Director
Smart Trees Pacific

A handwritten signature in black ink, appearing to read "Wai Lee", written over the typed name.



April 9th, 2018

Dear Budget Committee Chair Trevor Ozawa and Members of the Budget Committee,

My name is Suzie Lu Fung Gee Wallace and I am a high school marine science and physics teacher at Radford High School. I am also on the board of the Honolulu Chinese Jaycees as their membership VP this year and am a registered voter.

I am testifying in support of Bill 15 to fund the Office of Climate Change, Sustainability and Resiliency to help Hawai'i reach its long-term goal of re-establishing sustainability practices. CCSR provides cost-effective solutions to Hawai'i's growing problem with marine debris and rising sea levels that will, in turn, boost our economy in the form of tourist dollars, more lucrative tech industry jobs, and protecting our overall property values.

The foundation of a strong economy on O'ahu is a strong environment, which draws millions of visitors who are increasingly demanding sustainable practices as part of their destination selection. CCSR is working on policies to protect our beaches, our environment, and drive toward 100% renewable energy and renewable transportation to keep Hawai'i in a leading position.

As a teacher, I would like to see that we are investing in programs that will, in turn, invigorate our economy to keep our most talented individuals here on island when they seek higher-paying jobs to be able to afford living in their home state.

CCSR's Coastal Land Data Program, for instance, asks for just \$75,000 to identify where sea level rise will directly impact important City infrastructure and is one such of their cost-effective programs. It is money well spent as every \$1 spent on resilience and hazard mitigation, approximately \$6 in damage can be avoided when a natural disaster, such as a hurricane, impacts a community. Such resilience work has a high cost-benefit ratio for local governments.

It is for these reasons that I support Bill 15, as our future reputation of a beautiful state, home to the world's best beaches, and our jobs and homes for our future generations is what is at stake.

Thank you for your time and careful consideration of my testimony.

Sincerely,
Suzie Wallace
217 Prospect Street
Honolulu, HI 96813

From: CLK Council Info
Sent: Tuesday, April 10, 2018 12:43 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Linda Wong
Phone 808-923-7484
Email leiahi@me.com
Meeting Date 04-14-2018
Council/PH Committee Budget
Agenda Item Bill 15
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Dear Budget Chair Ozawa and Committee:

Written Testimony As you are aware, the voters of this island elected to create the Office of Climate Change, Sustainability and Resiliency via City Charter (CCSR) amendment in 2016. There is important and expected work to be done and the budget as proposed will ensure the capacity to meet the charter mandate and residents' expectations. Please insure that Bill 15 and this Office is fully funded.

Linda Wong
Diamondhead Neighborhood

Testimony
Attachment
Accept Terms and Agreement 1

From: CLK Council Info
Sent: Tuesday, April 10, 2018 8:08 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Tavia Oshiro
Phone 808-271-0859
Email taviaanddean@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Tavia Oshiro and I am a resident of Kaneohe Hawaii. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
Attachment

Accept Terms and
Agreement 1



Board Members

President
Jason Okuhama
Managing Partner,
Commercial & Business Lending

Secretary
Marcus Kawatachi
Deputy Director,
Hawai'i Civil Rights Commission

Trina Orimoto
Clinical & Research Psychologist

Kaipo Kukahiko
Executive Director,
KEY Project

Miwa Tamanaha
Deputy Director,
Kua'āina Ulu 'Auamo

HACBED Staff

Brent N. Kakesako
Executive Director

Keoki Noji
Chief Operating Officer

Athena T. Esene
Bookkeeper & Office Manager

Will Simmons
Food Systems Specialist

Foley Pfalzgraf
AmeriCorps VISTA

Alex Narrajos
AmeriCorps VISTA

Date: April 10, 2018

To: Councilmember Trevor Ozawa, Chair, Council Member Ann H. Kobayashi,
Vice-Chair, and members of the Committee on Budget

From: Brent Kakesako, Hawai'i Alliance for Community-Based Economic
Development (HACBED)

Re: Support for Bill 15

Aloha Chair Ozawa, Vice-Chair Kobayashi, and Committee Members,

The Hawai'i Alliance for Community-Based Economic Development (HACBED) supports Bill 15. Bill 15 provides a minimum, baseline budget for the mission and purpose of the Office of Climate Change, Sustainability and Resiliency (CCSR).

HACBED was established in 1992 as a nonprofit statewide intermediary to address social, economic, and environmental justice concerns through community-based economic development strategies. It advances its mission with core competencies in the areas of community and organizational capacity building, community and economic development planning, and asset policy development and advocacy. HACBED works with a number of community-based organizations who are working in the areas of stewardship, and they are increasingly adjusting to the impacts of climate change. As such, HACBED supports the proposed bill that would support the CCSR with carry out a City-wide energy audit, creating a Climate Action Plan, support the Coastal Land Data Program, and provide matching funds for four AmeriCorps VISTA members.

We participated in CCSR community outreach efforts and are excited to see the outcomes from that meeting implemented to increase the resiliency of our O'ahu. It is important that our natural and cultural resources are supported and protected as they are not only critical factors for our current economy, but also critical factors for the health and well-being of our local families. Support for CCSR at its full budget request amount will allow the City to continue to take advantage of other grant funds, such as The Rockefeller Foundation's 100 Resilient Cities partnership. As such, we support the passage of Bill 15.

Mahalo for this opportunity to testify,

Brent N. Kakesako
Executive Director
Hawai'i Alliance for Community-Based Economic Development



1050 Bishop Street, Suite 504, Honolulu, HI 96813

Telephone: 808.206.8446 - Email: keone@kanuhawaii.org - <http://www.KanuHawaii.org>

Testimony to the Council Committee on Budget

Council Member Trevor Ozawa, Chair

Council Member Ann H. Kobayashi, Vice Chair

Wednesday, April 11, 2018

Conference Room 429

SPECIAL MEETING: Relating to Bill 15 (2018)- the Office of Climate Change, Sustainability, and Resiliency

Dear Chair Ozawa and Vice Chair Kobayashi, and Committee Members:

On behalf of the Kanu Hawaii, I would like offer support for the Office of Climate Change, Sustainability, and Resiliency to continue to be a fully funded office of the City & County of Honolulu as detailed in Bill 15 (2018).

Kanu Hawaii is a 501(c)(3) non-profit organization that focuses on building community relationships as the foundation to implementing sustainable practices and increasing civic engagement. Since our beginnings in 2006, Kanu Hawaii has grown to include over 17,000 registered members who include residents in every zip code in Hawaii.

Aside from its public mandate, the Office of Climate Change, Sustainability, and Resiliency has been a long term goal of our constituency; to include and elevate sustainability as a core commitment within our institution of county government. It represents not just our legacy to malama and aloha 'aina, but our responsibility to consider the impacts of our actions and take measurable and timely steps to address them. Our choices must be managed as to how they affect our island's resources and eco-systems as well as how they impact others beyond our shores.

Global citizenry is our kuleana.

Maintaining and growing support for a malama based world view shows true leadership and strategic thinking. If we are not making choices to stay ahead of our challenges, we will likely be victim to them.

Thank you for the opportunity to provide testimony in support of this meaningful and worthwhile effort.

Malama pono,

Keone Kealoha
Executive Director, Kanu Hawaii

From: CLK Council Info
Sent: Tuesday, April 10, 2018 8:36 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Dana Johnston
Phone 808.754.5117
Email danajhonston19@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

“Aloha Chair Ozawa and members of the Budget Committee, My name is Dana Johnston and I am a resident of Manoa. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan’s proposed amendment to increase the Office’s budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O‘ahu’s environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).”

Testimony
Attachment
Accept Terms
and Agreement

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From: CLK Council Info
Sent: Tuesday, April 10, 2018 8:35 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Kirsten Fujitani
Phone 8084252857
Email kirsten.fujitani@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Kirsten Fujitani and I am a resident of Kapālama. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
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and Agreement

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April 9, 2018

Re: Testimony of Kammie Tavares in support of Bill 15

Request to reject the amendments to reduce the budget of the Office of Climate Change, Sustainability, and Resiliency

Aloha Chair Ozawa and Members of the Budget Committee,

My name is Kammie Tavares. I am a student at the University of Hawai'i at Mānoa, graduating soon with my B.S. in Global Environmental Science. I am an undergraduate researcher with the Coastal Geology Group. I am from Mākaha, Wai'anae, and Hawai'i is my home. I am testifying in support of Bill 15 as proposed in my personal capacity.

The proposed amendments of reducing the salaries and expenses of the Office of Climate Change, Sustainability and Resiliency (CCSR) should not be adopted. The budget, as proposed, is minimal for an office with such kuleana.

Climate change affects all aspects of our well-being and is a feat like none other in our time. CCSR is in place to educate, guide, and provide resources for the various agencies, organizations, and residents in Hawai'i. I admire the members of CCSR for taking on the challenge for improving the resiliency of our home to climate change.

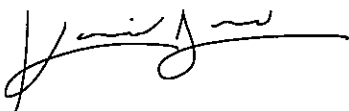
Much of the work thus far done by CCSR have involved the community, and it was the appropriate way to begin. Getting input from the people in the community who will deal with the repercussions of climate change will help guide resilience plans. Often, the needs of one community is not the same as another, making community input even more essential for local management plans.

Sea level rise is a major concern of mine and is a topic that CCSR addresses. The IPCC AR5 sea level rise projections shifted to sooner years in the 2017 NOAA report, making sea level change a sooner occurrence than previously thought. As sea level rises, the beaches in Hawai'i are threatened by accelerated erosion and potentially coastal hardening. Thus, beaches, which have ecologic, economic, and cultural significance are threatened. We must support programs such as CCSR if we are going to protect the resources that we value.

Whether the change is quick and direct like extreme storm events or long term like sea level rise, having a well-organized response saves lives, money, and time. I have confidence that the money, which may seem like a sacrifice to some, will be a worthy investment in the future.

For these reasons, I please ask that the Bill 15 is accepted as it is without the suggested amendments. Mahalo for the opportunity to testify.

Me ka ha'aha'a,

A handwritten signature in black ink, appearing to read 'Kammie Tavares', with a long horizontal line extending to the right.

Kammie Tavares

¹ IPCC, 2013: *Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Stocker, T.F., D. Qin, G.-K. Plattner, M. Tignor, S.K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex and P.M. Midgley (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, 1535 pp.

² Sweet, W.V., R.E. Kopp, C.P. Weaver, J. Obeysekera, R.M. Horton, E.R. Thieler, and C. Zervas, 2017: *Global and Regional Sea Level Rise Scenarios for the United States*. NOAA Technical Report NOS CO-OPS 083. NOAA/NOS Center for Operational Oceanographic Products and Services.

James Foster
6266 Keokea Pl
Honolulu, HI 96825

10 April 2018

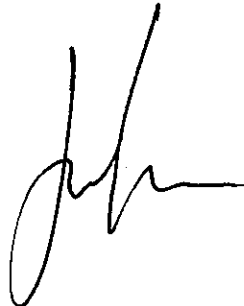
To: Trevor Ozawa

Re: *Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget*

Dear Councilmember Ozawa,

I am writing to record my strong support for the full funding of the Office of Climate Change, Sustainability and Resiliency. As a scientist focusing on the improving the prediction, detection, and mitigation of natural disasters, including those connected to sea-level rise and the impacts of climate change, I am particularly aware that for my work to have a positive impact on society there needs to be a formal structure in place that works with the scientists to transfer the knowledge we develop and incorporate it into the political process of planning and political. The Office of Climate Change, Sustainability and Resiliency is a wonderful example of exactly that kind of bridge. It is the sort of integrative forward planning effort that I have always hoped and assumed would be part of any responsible government's efforts, and one that I believe to be particularly essential for a location as potentially exposed to as many environmental and societal stressing factors as we are. As a scientist, and a Hawaii Kai resident who lives on the water, I hope that you will support full funding for the upcoming year, and ensure that this essential effort can continue and fulfill its mandate.

Yours sincerely

A handwritten signature in black ink, appearing to be 'JF', written in a cursive style.

From: CLK Council Info
Sent: Tuesday, April 10, 2018 9:33 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Germaine Salim
Phone 8083913175
Email gsalim@hawaii.edu
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 - Executive Operating Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

I am writing to voice my support for the Office of Climate Change, Sustainability and Resiliency (CCSR), and support the CCSR budget as proposed. This agency has a clear and important directive and has already established key relationships and delivered effective results in their first year. Preparing for climate change and sustainability, and developing resiliency in Honolulu is becoming increasingly important. As well as the public health and safety implications, Honolulu's reliance on tourism and education requires a strong commitment to a resilient and sustainable community. The CCSR is well placed (and staffed) to collaborate with key city, state, federal and community stakeholders to customize best practices for Honolulu's residents and visitors alike.

I believe that proactively developing and nurturing the work of offices like CCSR is much more cost effective and effective than retroactively dealing with the fallout from a lack of planning and preparation. As a geographically isolated and highly populated center, Hawaii state and Honolulu especially must recognize that the costs associated with mitigation and preparation are worth even more than comparable dollars in a less geographically vulnerable state.

Testimony
Attachment

Accept Terms and Agreement 1

From: CLK Council Info
Sent: Tuesday, April 10, 2018 9:34 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Matthew Fernandez
Phone 8087413151
Email mpfernan@hawaii.edu
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15 (2018)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Matthew Fernandez and I am a resident of both Foster Village in Halawa and Kaimuki. I was also a former student of Councilman Brandon Elefante at Damien. Currently, I am a graduate student at the Department of Urban and Regional Planning at UH Manoa focusing on building resilience in Hawaii in the face of imminent climate change and sea level rise to my home. I believe in taking a progressive view to consider resilience in terms of adaptability and transformability of social systems and to take a more critical stance towards existing urban development, planning, and governance processes, and I believe that this Bill 15 (2018) would exactly do that. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the

100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O‘ahu’s environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony

Attachment

Accept Terms and Agreement 1

TO: Honolulu City Council

FROM: Natalie Iwasa
808-395-3233

MEETING: Wednesday, March 28, 2018

SUBJECT: Bills 14, 15 and 16, City Budgets – **COMMENTS**

Aloha Chair Martin and Councilmembers,

Following is the testimony I gave regarding Bills 14, 15 and 16, the city's legislative, operating and capital improvement budgets for fiscal year, as well as follow up comments.

Bill 14 – Legislative Budget. Please include a briefing on this budget during the next committee meeting and include the amount of each member's allotment of the \$215,000 line item.

Bill 15 – City Operating Budget. During the special budget meeting on March 27, 2018, most of the department heads were not allowed to testify. The budget chair stated that requests for executive summaries for each department were requested and received. I had checked the council's website under "Department Communications" (this is where similar communications had been posted for the past several years) prior to the full council meeting and was unable to find these summaries. Prior to the floor introduction of these bills, I also checked with the clerk's office and was told that they had not yet received them.

During discussion of these bills, Councilmember Ozawa stated the communications were listed under "Mayor's Messages." After the vote was taken, I checked again with the clerk's office and was given a copy of Mayor's Message 33, which does include the department summaries. The summaries are also now detailed under each bill. In the future, I will check all communications folders.

While I have not yet looked at the summaries provided by the department heads, I do ask that the city's integrity hotline be expanded to be available 24/7 and open to everyone as well as allow anonymous reporting. The hotline's funding is included in the Internal Control Division of Budget and Fiscal Services.

In addition, please look closely at the duties of the new rail operations and maintenance staff that are included in the budget for the Department of Transportation Services. Rail is not ready to begin operations, so it is important to understand what these people will be doing until the start date and cut costs accordingly.

Natalie Iwasa, cont.

Testimony Bills 14, 15 & 16

Page 2

Bill 16 – City Capital Improvement Program Budget. I oppose the \$44 million of HART operating costs and the \$64 million in funding for Ala Moana Transit Oriented Development. During the budget briefing meeting, the director of Budget and Fiscal Services stated the city is not allowed to pay for operating costs with bonds. He also mentioned that they plan to meet with HART auditors to discuss restatement of HART's audited financial statements to move operating costs to capital costs. They're basically trying to fit five years or more of financial reporting into the current situation to allow for bond funding. Financial statements may be restated to correct an error, recognize a change in accounting principle or when there's a change in reporting entity. The fact that this is being considered tells me the city and HART are getting desperate. We need to stop at Middle Street.



Wednesday, April 11, 2018
9:00am
Honolulu City Council
Committee on Budget

To Budget Committee Chair Trevor Ozawa and committee members,

On behalf of the O'ahu Young Democrats chapter of the Democratic Party of Hawai'i, we strongly support the Office of Climate Change, Sustainability and Resiliency, which was established by City Charter in 2016 by a 17-margin of voting citizens.

The O'ahu Young Democrats believe that addressing climate change impacts, such as extreme weather events and global weirding, should be a top priority for government at all levels. To achieve a more sustainable and resilience future, action must be taken now to leave a cleaner and less polluted world for generations to come.

Support for CCSR at its full budget request amount will allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation's 100 Resilient Cities partnership.

CCSR has proposed practical, critical projects in their first full year to honor the City's pledge to abide by the Paris Climate Agreement and the Chicago Climate Charter. This, in turn, will make the City more efficient and save taxpayer funds in the long term.

Thank you for the opportunity to provide testimony and support for the Office of Climate Change, Sustainability and Resiliency.

Sincerely,

Ronson K.R. Fox

Ronson K. R. Fox
President | Oahu Young Democrats



Sustainable Transportation Coalition of Hawai'i

A U.S. DEPARTMENT OF ENERGY CLEAN CITIES COALITION



U.S. Department of Energy

BUDGET COMMITTEE

April 11, 2018, 9:00 A.M.

(Testimony is 2 pages long)

TESTIMONY IN STRONG SUPPORT OF BUDGET BILL 15

Aloha Budget Committee Chair Trever Ozawa and members of the Budget Committee: Sustainable Transportation Coalition of Hawaii (STCH) is a group of organizations, businesses, and individuals aimed at driving local efforts to reduce fossil fuel use in Hawaii's transportation sector. STCH is part of a national network of nearly 100 coalitions that make up the U.S. Department of Energy's Clean Cities program, tasked with accelerating solutions like alternative fuels, alternative modes of transportation, and vehicle efficiency. Ground transportation accounts for roughly 25% of greenhouse gas emissions in the state and roughly 1/3 of our imported oil. A transportation transformation is not only better for the environment, but the state in general. We use our resources and expertise to support Hawaii's transition to a 100% renewable transportation system. As we reduce dependence on imported oil, can bolster our 100% renewable energy target and save people (i.e. your constituents) money, since transportation on average is the single largest expense behind housing.

STCH is writing in strong support of Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget. The introductory work done by the Office of Climate Change, Sustainability, and Resiliency (OCCSR) in their inaugural year has built the foundations to continue moving Hawaii forward as a world leader in climate mitigation and sustainability. For example, the listening sessions OCCSR and STCH jointly held with ground transportation fleet managers and operators in March of this year helped to identify opportunities and barriers to advancing clean transportation in both the public and private sectors. The OCCSR is taking a leadership role with the other counties and developing a strategic plan to accelerate the transportation transformation. Budget Bill 15 will ensure that their capacity to follow through with this important work remains intact.

The budget items included in this bill are integral to honoring the both City's commitment to abide by the Paris Climate Agreement and the more recent Mayors' pledges to reach 100% renewable ground transportation by 2045—important commitments in the face of the damaging and costly effects climate change will have on our communities.

Overwhelming voter support for the Office of Climate Change, Sustainability, and Resiliency shows that the public understand the importance of sustainability and resilience for our island community. OCCSR will save the taxpayers countless dollars by preparing for the public safety concerns and damages to property that will accompany climate change. Their work to convert City and County fleets to renewable technologies and fuels will also create long-term cost

info@blueplanetfoundation.org

55 Merchant Street 17th Floor • Honolulu, Hawai'i 96813 • 808-954-6142 • blueplanetfoundation.org

savings for the City. Investment begets more investment – these budget funds will help the City leverage additional resources from private external funders like the Rockefeller Foundation, which can help to highlight Honolulu for its commitment to innovation and progress. We believe that this bill is necessary to continue the imperative and urgent sustainability and resiliency work that is already underway throughout the City. We urge the committee to pass the bill.

STCH looks forward to collaborating closely with OCCSR on our shared clean transportation goals.

Thank you for the opportunity to testify,

Sustainable Transportation Coalition of Hawaii



PACIFIC INTERNATIONAL CENTER FOR HIGH TECHNOLOGY RESEARCH

1440 Kapiolani Boulevard, Suite 1225 | Honolulu, Hawaii 96814 U.S.A.

P: (808) 943-9581 | F: (808) 943-9582 | info@pichtr.org | www.pichtr.org

April 10, 2018

Dear Budget Committee Chair Ozawa, Vice Chair Ann Kobayashi, and members of the Budget Committee,

On behalf of the Pacific International Center for High Technology Research, we register our support for full funding of the proposed budget for the Office of Climate Change, Sustainability and Resiliency, which is a charter-mandated Office that citizens established in 2016.

The Office staff have started off on the right foot by reaching out to multiple organizations and groups to find out how the City and County of Honolulu can best build resilience and tap other groups who are already working in the field. In fact, they are working closely with an organization that was originally created by PICHTR and has recently spun off on its own—the Energy Excelerator.

The Office is using partnerships to help tackle the most difficult problems our island faces: climate change, transformation of the transportation sector, and decarbonizing the economy. All of these challenges will need new technology to be developed to successfully protect and preserve our state's economy and environment, and PICHTR looks forward to partnering with the City and County wherever possible.

Thank you for your time and please support the full requested fiscal year 2019 budget allocation for the Office of Climate Change, Sustainability and Resiliency,

Sincerely,

Harold S. Masumoto
Project Director

From: CLK Council Info
Sent: Tuesday, April 10, 2018 1:07 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Cuong Tran
Phone 8082761334
Email cuongt@hawaii.edu
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 - CCSR Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha,
My name is Cuong Tran, a local resident of Hawai'i for almost two decades and a junior at the University of Hawai'i at Manoa majoring in Global Environmental Science. Living here for so long, I have noticed changes in our surroundings that support the effort of climate change. Things such as erosion through our coasts, "blue-sky" flooding, and King Tide events is leading up to the conclusion that Climate Change is showing up gradually. It will be get worse in the next decades. That is why I strongly support the Office of Climate Change, Sustainability, and Resiliency and I support Bill 15. Because of Bill 15, I believe we can plan ahead and adapt to future problems of climate change in Hawaii. The CCSR has proposed practical projects in support of this claim such as a Climate Action Plan to adhere to the Paris climate agreement and plan for emissions to be reduced across the Island of Oahu and a Coastal Land Data Program to identify where sea level rise is most damaging in city infrastructures. There are many other programs that Bill 15 can fund for. Once again, my name is Cuong Tran and I support Bill 15. You can contact me at 2591 Dole Street for mailing information.

Thank you.

Testimony
Attachment
Accept Terms and Agreement 1

Testimony for the
Committee on Budget
April 11, 2018 at 9:00 am
Committee Meeting Room

By

Darren T. Lerner, Director
University of Hawai'i Sea Grant College Program/
Water Resources Research Center
University of Hawai'i at Mānoa

**BILL 15 (2018) – EXECUTIVE OPERATING BUDGET AND PROGRAM FOR FY
2019 – Office of Climate Change, Sustainability and Resiliency Budget**

Chair Trevor Ozawa and Members of the Budget Committee:

My name is Darren Lerner and I serve as the director for both the University of Hawai'i Sea Grant College Program (Hawai'i Sea Grant) and Water Resources Research Center (WRRC) at the University of Hawai'i at Mānoa. I am testifying in strong support of the Office of Climate Change, Sustainability and Resiliency (OCCSR) budget as proposed, which represents a minimum, baseline amount required for a mission and purpose as important as the one tasked to this Office. It is encouraging to see early interactions of OCCSR with both Hawai'i Sea Grant and WRRC on activities of mutual interest related to resilience, sustainability and climate change. For example, the work that OCCSR is doing in Waikīkī to enhance resilience of the Ala Wai Watershed is a partnership that Hawai'i Sea Grant has been engaged in over the past several years. OCCSR will also host a 2018 Peter J Rappa Fellow from Hawai'i Sea Grant over the summer and provide invaluable hands-on experience to the fellow while working at OCCSR on various resilience-related work. I am also engaged in a discussion with OCCSR about a project that would conduct a social science assessment of tourism on the Windward side of O'ahu. In this case I am engaging our faculty in Hawai'i Sea Grant and others from the university with relevant expertise to perform the study. As these initial engagement activities with OCCSR demonstrate, the University of Hawai'i through Hawai'i Sea Grant and WRRC has access to research and extension faculty and staff and students with the requisite

methodologies, technical expertise, and capacity to perform work that enhances resilience and sustainability of Honolulu to climate change. The opportunities to leverage our programs and resources with OCCSR in support of this mutual goal that showcases Honolulu as a leader in the sustainability and resilience movement can be realized by supporting OCCSR at its full budget request amount.

Thank you for the opportunity to testify in strong support of Bill 15 (2018).



April 10, 2018

To: Honolulu City Council's Budget Committee
From: Surfrider Foundation Hawaii
Re: Bill 15 – CCSR Budget
Date of Hearing: April 11, 10:00am, Honolulu Hale

Aloha, Chair Ozawa and Council Members,

As the Hawaii Manager of the Surfrider Foundation, I'm writing in support of Bill 15 and the full funding of the Office of Climate Change, Sustainability and Resiliency (CCSR). Our organization worked with a coalition of groups to help create the Office of Climate Change, Sustainability and Resiliency, which was established by City Charter amendment in 2016 by a wide margin.

I support the CCSR budget as proposed because it represents the necessary amount required for a mission and purpose that's so important for Oahu's people, environment and economy. CCSR is a relatively small office, but they have already had a strong impact for O'ahu, working to protect our coastal communities, public safety, and property in the face of a rapidly changing climate.

In just their first year, the CCSR staff have done an incredible amount of work and public outreach, listening to the community and seeking citizen input. I have taken part in their workshops and presentations, which were well-attended, well-run and productive. Surfrider supports full funding for CCSR because this will also allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability.

The Office of CCSR has proposed a practical yet essential list of projects in their first full year to honor the City's pledge to abide by the Paris climate agreement and make the City more efficient and save taxpayer funds in the long-term. Some of these key projects include: a City-wide energy audit to identify potential cost savings and emissions reduction across city properties; a Climate Action Plan that is required by our pledge to adhere to the Paris Climate Agreement and to identify potential for emissions to be reduced across the island; the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact important City infrastructure; and matching funds the federal AmeriCorps VISTA grant.

As you all know, the foundation of a strong economy on O'ahu is a strong environment, which draws millions of visitors who are increasingly demanding more sustainable practices. CCSR is working on policies to protect our beaches, our environment, and drive toward 100% renewable energy and renewable transportation to keep Hawai'i in a leading position. This work will benefit local governments. For every \$1 spent on resilience and hazard mitigation, approximately \$6 in damage can be avoided during a natural disaster, such as a hurricanes or major storms. Mahalo for your time and leadership on this issue and please feel free to contact me if you have any questions.

Aloha,
Stuart Coleman
Hawaiian Manager

From: CLK Council Info
Sent: Tuesday, April 10, 2018 12:09 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Doorae Shin
Phone 8084923954
Email doorae@kokuahawaiifoundation.org
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Organization
Organization Kokua Hawaii Foundation
Do you wish to speak at the hearing? No

Aloha,

My name is Doorae Shin with the Kokua Hawaii Foundation testifying in support of this Bill. The Office of Climate Change, Sustainability, and Resiliency was established with a 17-point margin of voting citizens in 2016. Local and global science for decades on climate change, biodiversity, and our environment, shows a clear need for organized and urgent action. Hawai'i specifically, compared to other parts of the world, is particularly vulnerable to the effects of climate change because we are surrounded by ocean, we are so isolated, and because we are in the tropics. Our state is the endangered species capitol of the world and the extinction capitol of the nation.

Written
Testimony

This Office is necessary and significant for the C&C of Honolulu as the island prepares for and attempts to mitigate the ongoing impacts of climate change, including sea level rise, natural disasters, and loss of biodiversity. We must plan to increase our resiliency as an island community and commit to organized action, education and strategic planning. Sustainability efforts today for our communities indicate compassion for nature, for animals, as well as our children and generations of the future. This is not an issue that we can delay, and these efforts must be fully funded so that we can maximize effectiveness in our local, state & global goals for sustainability.

Mahalo,
Doorae

Testimony
Attachment

Valerie T. Lam



April 10, 2018

Councilman Trevor Ozawa
Honolulu City Council
Honolulu Hale
530 S. King Street
Honolulu, HI 96813

Re: April 11, 2018 City Council Budget Committee Special Meeting
Support for the Office of Climate Change, Sustainability & Resiliency

Dear Councilman Ozawa:

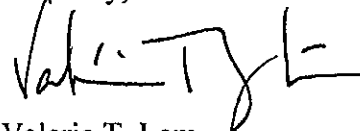
As member of your constituency in District 4 (Waikiki), I write to express my support of the Office of Climate Change, Sustainability & Resiliency ("CCSR Office"). Further, I want to express my support for the CCSR budget as proposed, which represents a minimum, baseline amount required for a mission and purpose as important as the one tasked to this Office.

In 2016, I voted in favor of creating the CCSR Office because I believe the foundation of a strong economy on Oahu is a strong environment, which draws millions of visitors who are increasingly demanding sustainable practices as part of their destination selection. More importantly, I want the work of my local government to protect the environment of the place in which I live for my own benefit. The CCSR Office is working on policies to protect our beaches, our environment, and drive toward 100% renewable energy and renewable transportation to keep Hawaii in a leading position.

Support for the CCSR Office at its full budget request amount will allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability and resilience movement. Additionally, resilience work has a high cost-benefit ratio for local governments. For every \$1 spent on resilience and hazard mitigation, approximately \$6 in damage can be avoided when a natural disaster, such as a hurricane, impacts a community.

In closing, I write to ask you to support the budget as proposed for the CCSR Office so that its staff is provided the resources to continue to work for a mission that is important to the residents of this community. Thank you for your attention and consideration to this matter.

Sincerely,



Valerie T. Lam

From: CLK Council Info
Sent: Tuesday, April 10, 2018 12:03 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name	haley cremer
Phone	4086035755
Email	cremerh@hawaii.edu
Meeting Date	04-10-2018
Council/PH Committee	Budget
Agenda Item	Honolulu office of climate change, sustainability, & resiliency
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	Please support funding for the Honolulu Office of Climate Change, Sustainability, & Resiliency!! Let's move forward - not backward - by leading the globe in being stewards of our environment.
Testimony Attachment	
Accept Terms and Agreement	1

From: CLK Council Info
Sent: Tuesday, April 10, 2018 12:02 PM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Hailey Shea
Phone 3609419788
Email haileyms@hawaii.edu
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and members of the Budget Committee, My name is Hailey Shea and I am a resident of Oahu. I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018). I believe that this proposed budget is a necessary and worthwhile investment for this voter-mandated Office. This budget request supports the salaries of 7 full-time employees. Additionally, it appropriates \$200,000 for a City energy audit to identify potential cost savings and City emissions reduction, \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement, \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact City infrastructure, and \$60,000 to provide matching funds for the federal Americorps VISTA grant, which would enable the potential to fill 4 full-time VISTA slots to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions. I am also supportive of Councilmember Manahan's proposed amendment to increase the Office's budget by \$150,000 for the Electrification Transportation Program, to support the expansion of electric vehicles for public transportation. Supporting the Office at its full budget request will allow the city to take advantage of private grant funds like the 100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability movement. This Office is doing critical work to protect O'ahu's environment, communities, and infrastructure in the face of climate change. Mahalo for your ongoing support for this Office in Bill 15 (2018).

Testimony
Attachment

Accept Terms and
Agreement 1

From: CLK Council Info
Sent: Tuesday, April 10, 2018 11:26 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Carson Schultz
Phone 808-312-2461
Email carsonjschultz@gmail.com
Meeting Date 04-10-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Ozawa and Budget Committee Members: My name is Carson Schultz, a resident of Makiki and I work on affordable housing development in Kakaako. I am testifying in support of “Bill 15: Executive Operating Budget and Program for FY19 – CCSR” and strongly support the Office of Climate Change, Sustainability and Resiliency (CCSR), which as you know was established by City Charter amendment in 2016 by a 17-point margin of voting citizens. Clearly the CCSR office is backed by a vast majority of my fellow Honolulu voters. They have proposed practical, critical projects in their first full year to honor the City’s pledge to abide by the Paris climate agreement and make the City more efficient and save taxpayer funds in the long-term, including:

- \$200,000 for a City-wide energy audit to identify potential cost savings and emissions reduction across city properties.
- \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement and identify potential for emissions to be reduced across the island.
- \$75,000 to support the Coastal Land Data Program which is critical to identify where sea level rise will directly impact important City infrastructure.
- \$60,000 to provide matching funds the federal AmeriCorps VISTA grant. These funds will allow four full-time VISTAs to serve to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

As an AmeriCorps VISTA alumnus, I can vouch for the effectiveness of the program for the host agency as well as the benefit it does for the AmeriCorps member as they re-enter the workforce. During my AmeriCorps term I worked on home energy audits and identified hundreds of dollars of savings for working families. I can only image how much Honolulu could save and the environmental benefits that will be identified with CCSR’s planned energy audit.

Let's move forward with a more sustainable future for Honolulu with us leading the way for the State. Please vote in support of "Bill 15: Executive Operating Budget and Program for FY19 – CCSR". Mahalo!

Testimony

Attachment

Accept Terms and
Agreement 1

Budget Committee
Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
April 11, 2018

Aloha,

My name is Katherine Papacek. I am currently a resident of Oahu and full time student at the University of Hawaii at Manoa.

I want to thank Chairmen Ozawa and the rest of the budget committee for the opportunity to comment on Bill 15.

I strongly support the Office of Climate Change, Sustainability, and Resiliency, which was established by City Charter amendment in 2016.

As the threat of climate change becomes more imminent, it is becoming clear that there may be future climate concerns for the islands of Hawaii. In order to prevent potentially devastating effects of climate change, we need to find practical solutions to our climate problems. The iconic warm, sandy beaches, which draw millions of visitors and therefore revenue to our islands every year, have the potential to be dramatically transformed when sea levels become anomalously high or low, wave action increases due to nearby storms, and drought or heavy rains impact local food supplies. Sustainable practices need to become a priority, and we need to employ environmental regulations that are focused around bettering the community. CCSR is working on policies to protect our beaches, our environment, and drive toward 100% renewable energy and renewable transportation to keep Hawaii in a leading position.

CCSR staff have approached their start-up year in the right way by doing an incredible amount of outreach, listening to the community, and being open and accessible to citizen input.

I support the CCSR budget as proposed, which represents a minimum, baseline amount required for a mission and purpose as important as the one tasked to this Office. While CCSR is small, it is having a significant impact on Oahu and is working to protect our coastal communities, public safety, and property in the face of a rapidly changing climate.

I believe that Bill 15 takes a step forward to ensure a sustainable future for all of Hawaii's residents and visitors and I urge you to consider the implications of climate change, not only for yourselves, but also for the future generations of Hawaii.

Thank you for your time.

Katherine Papacek

kpapacek@hawaii.edu
University of Hawaii at Manoa

From: CLK Council Info
Sent: Tuesday, April 10, 2018 11:00 AM
Subject: Budget Speaker Registration/Testimony

Speaker Registration/Testimony

Name Stephen Foster
Phone 8089397435
Email kumusteve@gmail.com
Meeting Date 04-11-2018
Council/PH Committee Budget
Agenda Item Bill 15: Executive Operating Budget and Program for FY19 – CCSR Budget
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony CCSR is vital to the future of Hawaii as well as setting an example for the rest of the country and the world. Energy sources go hand in hand with climate management, economic success, and environmental quality, so renewable energy requirements must be actively promoted and enacted for the sake of Hawaii's residents, tourists, wildlife, and future generations. We insist that you continue funding CCSR for the benefit of the people and the State.
Thank you.
Stephen Wilson Foster and wife Gail Foster.

Testimony Attachment

Accept Terms and Agreement 1

Hawai'i Construction Alliance

P.O. Box 179441
Honolulu, HI 96817
(808) 348-8885

April 9, 2018

The Honorable Trevor Ozawa, Chair
The Honorable Ann H. Kobayashi, Vice Chair
and Members
Honolulu City Council Committee on Budget
530 South King Street, Room 202
Honolulu, Hawai'i 96813

RE: Comments on Bill 15 in Support of Office of Climate Change, Sustainability, and Resiliency

Dear Chair Ozawa, Vice Chair Kobayashi, and Members,

The Hawai'i Construction Alliance is comprised of the Hawai'i Regional Council of Carpenters; the Operative Plasterers' and Cement Masons' Union, Local 630; International Union of Bricklayers & Allied Craftworkers, Local 1; the Laborers' International Union of North America, Local 368; and the Operating Engineers, Local Union No. 3. Together, the member unions of the Hawai'i Construction Alliance represent 15,000 working men and women in the basic crafts of Hawai'i's construction industry.

At this time, the Hawai'i Construction Alliance would like to offer comments on Bill 15 specific to the Office of Climate Change, Sustainability, and Resiliency. At later hearings, we may offer further comments on other parts of Bill 15, relating to the Executive Operating Budget and Program for the Fiscal Year July 1, 2018 to June 30, 2019.

Last year, we submitted testimony in strong support of the establishment of the Office of Climate Change, Sustainability, and Resiliency ("OCCSR"). Not only are our members residents of this island who enjoy the natural environment, but our industry is particularly sensitive to future impacts of climate change. For example, rising water tables, subsiding land, and coastal erosion may require different designs for buildings and more advanced engineering techniques to be employed. Wetter winters may impact construction schedules, while hotter, drier summer days may also have an impact on worker health. There are many more possible impacts that we as a community must prepare for.

Therefore, we request your committee's support for OCCSR's full budget amount to allow the City to continue to take advantage of private grant funds such as the Rockefeller Foundation/100 Resilient Cities partnership and maintain Honolulu as a leader in the sustainability and resilience movement.

Mahalo,



Pane Meatoga, Jr.
President
Hawai'i Construction Alliance



Written Statement of
Elemental Excelerator
before the
Committee on Budget
Wednesday, April 11, 2018
9:00 a.m.
Honolulu Hale, Committee Meeting Room

In consideration of
Bill 15
Executive Operating Budget and Program for FY19 – CCSR
Budget

Aloha Chair Ozawa and Members of the Committee on Budget:

Elemental Excelerator respectfully submits our strong support of Bill 15, as proposed, which represents a minimum, baseline amount required for a mission and purpose as important as the one tasked to the Office of Climate Change, Sustainability and Resiliency ("CCSR").

Elemental Excelerator is a Honolulu-based growth accelerator program founded and operating in Hawaii. Each year, we select 15-20 companies that best fit our mission and fund each company up to \$1 million. Our selection process is competitive – we accept about 5% of our applicants each year. We recruit entrepreneurs from around the world to come to Hawaii and work on our agriculture, water, energy, and transportation challenges to help us achieve our 100% clean energy goals.

We have deployed over \$20 million across our 60+ portfolio companies, who have gone on to raise over \$350 million in follow on funding. It is critical for CCSR to have the financial resources and support to achieve their programs if Honolulu and Hawaii want to continue to attract, unearth, and support the most innovative companies solving challenges in energy, water, agriculture and mobility to help us reach our goals to reduce greenhouse gas emissions, achieve 100% clean energy by 2045, and transform our mobility infrastructure to optimize mode switch and electrify ground transportation. We have found the largest risk to innovation in Hawaii is misaligned resources, unclear policies, and piecemeal leadership.

We strongly support Bill 15 for three main reasons:

- 1) **CCSR's commitment to its mission and Hawaii's sustainable and resilient future, positions the City and County of Honolulu as a leader in the State and the world.** CCSR has proposed practical, critical projects in their first full year to honor the City's pledge to abide by the Paris climate agreement and make the City more efficient and save taxpayer funds in the long-term, including:
 - \$200,000 for a City-wide energy audit to identify potential cost savings and

emissions reduction across city properties.

- \$150,000 for a Climate Action Plan that is required by our pledge to adhere to the Paris climate agreement and identify potential for emissions to be reduced across the island.
- \$75,000 to support the Coastal Land Data Program, which is critical to identify where sea level rise will directly impact important City infrastructure.
- \$60,000 to provide matching funds the federal AmeriCorps VISTA grant. These funds will allow four full-time VISTAs to serve to advance City goals for water and energy efficiency, community outreach, develop partnerships, and reduce greenhouse gas emissions.

2) CCSR's approach to valuing community input and accessibility contribute to providing market signals that demonstrate the City and County's path to a resilient and sustainable future. CCSR staff have approached their start-up year in the right way by doing extensive outreach, listening to the community, and being open and accessible to citizen input. In particular:

- They are leaders in attracting innovation to the state, as evident in their participation in Elemental Excelsior's "reverse pitch" at the Maui Energy Conference on March 15, 2018. The session showcased five local stakeholders and a pain point they each hoped to solve over the next 12-17 months. The event was live streamed to over 200 global viewers, including growth-state startups interested in entering Hawaii markets.
- CCSR partnered with Elemental Excelsior to host a session during the electrification of private fleets workshop on March 9, 2018. The session assembled key stakeholders to provide feedback on the Hawaii Innovation Project (HIP), a study focused on Hawaii's progress toward our clean energy goals since launching the Hawaii Clean Energy Initiative in 2008, and policy or initiative recommendations to help accelerate and enhance the state's clean energy goals moving forward.

3) Support by the City and County of Honolulu for the CCSR provides opportunities for groundbreaking innovation, which elevates the City and County of Honolulu's image across the U.S. and the Asia-Pacific. Hawaii's unique challenges as an island state, in addition to the geographic isolation of its counties, create economic conditions that attract top-tier entrepreneurs, who have the ability to solve complex problems. Moreover, a vibrant innovation economy attracts attention and helps to build partnerships across the Pacific.

The foundation of a strong economy on Oahu is a strong environment, which draws millions of visitors who are increasingly demanding sustainable practices as part of their destination selection. CCSR is working on policies to protect our beaches, our environment, and drive toward 100% renewable energy and renewable transportation to keep Hawaii in a leading position.

Mahalo for the opportunity to provide testimony on this bill.

Aloha Chair Ozawa and members of the Budget Committee,

Thank you for your dedication to the City.

My name is Elisa Johnston and I am a resident of Makiki, and I am speaking for myself. My decision to testify and my sense of urgency on this issue results from my experience working with scientists and lawyers and planners and community members who are focused on climate change effects in Hawai'i and the larger Pacific.

I am in strong support of appropriating \$1,148,764 for the Honolulu Office of Climate Change, Sustainability, and Resiliency in Bill 15 (2018).

Climate change is a CRISIS already. We see the evidence of it all around us—the fading trade winds, the hotter temperatures, the eroding shorelines. Scientists tell us it will all get worse, and that we'll have monster storms as well. We see that storm-ravaged Puerto Rico, an island much closer to its neighbors than we are, is a wreck 6 months after a hit by a monster storm. It hasn't gotten the help it needed or expected. That could certainly be our future. What shall we do?

Oahu voters have MANDATED the City Council to respond: The voters of Oahu know what must be done—they voted by a 17% margin to create the Office of Climate Change, Resilience and Sustainability. They expect it to function at full capacity. They know that shoreline management, energy systems, zoning issues and much more can't wait.

We have a 3-year OPPORTUNITY: Rockefeller Foundation is providing partial funding and complete access to a network of experts and communities for 3 years. With their help and the input of local experts we can rev up our planning to full throttle—and we must.

A response TEAM is already working: We have a talented and dedicated team whose capacity for outreach in the community and for effective planning is astounding given its small size.

A PLAN is ready: They have developed a plan of action. Developing resilience on this island will be a major undertaking. There will be pressure to fund other, seemingly more immediate needs. But funding for resilience IS an immediate need, and arguably the greatest of all needs. Furthermore, investments in resilience will protect the future of this community—that's why the voters overwhelmingly voted for it. And it will pay off many times over by decreasing the terrible impacts of major storms and more gradual effects of climate change.

FULL FUNDING is required: The voters expect the City Council, through the Office of Climate Change Resilience and Sustainability, to do the critical work to protect O'ahu's environment and communities. The Office has a plan. A failure to fund it would be a betrayal of the public trust.

Thank you.